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Lancaster Farming

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Inept Farmer Stands to Gain From Integration

The pillar of the farming industry, the highly efficient middle sized farmer, is likely to suffer most as integration spreads The less efficient farmer stands to become better off.

This gloomy prediction was made Monday in Washington by Orlin J. Scoville, head of the Farming Efficiency Section of the Agricultural Research Service, at a meeting of the Newspaper Farm Editors Assn

Scoville did feel that the efficient producer may be able to maintain part of his favorable position by his current favorable bargaining power potential

GOING INTO THE history of vertical integration briefly, Scoville said that increased demand from consumers for quality products the year round has caused changes in the buying policies by retailers, especially the chain stores As a result, we hear much about specification buying by mass retailers.

'Processors reflect the changing demands of distributors and consumers They seek greater control over the quality of farm products and try to reduce seasonal and cyclical fluctuations in supply.

"THEY ARE SOMETIMES able to reduce capital costs by extending the seasonal use of equipment, and they can reduce labor costs by levelling out day-to-day fluctuations in the quantity of products processed," he said

Farmers, he said, are interested in integration for several reasons By contracting with dealers or processors, they may reduce risk and get more capital As a result, they can expand their scale of operation, make better use of underemployed labor and other resources.

Looking into the future, the economist saw little to cause joy for the family farm operator who wants to keep three or four enterprises going.

"FARMS WILL become more specialized, and the number of highly diversified general farms will decline. Small subsistence enterprises will tend to disappear, particularly in livestock production.

"There will be fewer full-time commercial farms," Scoville said.

Backing up this statement, he pointed out that only 28,000 broiler farms produce more than 90 per cent of all broilers in this country. If the same formula were applied, these changes would be made:

- Hog requirements could be met by only 60,000 farms having 100 sows each. There are now 2½ million farmers raising hogs

- Only 200,000 dairy farms of 100 cows each could take care of the nation's milk requirements There are now half a million dairy farms and 3 million farms keeping at least one milk cow.

However it is not likely that hog and dairy production will become as concentrated as have broilers, due to the difference in equipment and land use potentials But substantial adjustments

Continued on page 6

AGRICULTURAL INTEGRATION was here with us long before it received its big boost in the poultry industry. Agricultural experts now believe that integration is going to be generally the rule rather than the exception on American farms. Through the influence of integration, some 28,000 farms such as this one produce some 90 per cent of the broilers in the United States.

Benson Finds Farm Economy Now 'Refreshing'

by BOB BEST
Editor, Lancaster Farming

WASHINGTON — Looking like a cat that has just polished off a particularly tasty canary, Sec. Ezra Taft Benson Monday made some predictions on the fall election and the state and form of farm legislation and reviewed the increase in farm income

Speaking at a press conference for the conventioning Newspaper Farm Editors Assn, Benson said that it is "refreshing" to have agriculture as the bright spot in the American economy.

"Realized net income of farmers will be $13 billion this year. April prices are up 10 per cent from 1957 and 10 per cent greater than when high rigid price supports were in effect"

BENSON SAID that agriculture will not be a major campaign issue this fall But when asked his opinion on the fate of politicians who were after his scalp a few weeks ago, he said.

"Farmers aren't dumb They can see through it and it will be hard on some people"

In speaking of the legislation before the Congress, Benson again reaffirmed his stand against rigid price supports, escalator clauses and general governmental interference with agriculture

"MORE CHANGES are needed in basic legislation," he said. "More changes are outlined in the President's message to Congress The changes are needed to give greater freedom to plant, market and compete"

He predicted passage for an extension of Public Law 480 which allows American farm products to be sold overseas for local currencies.

Legislation for cotton and rice supports must be passed this

(Continued on page six)

Cool Wet Weather Further Slows Field Work; Tobacco Plants Slow

Cool wet weather retarded field activity for the second week in a row. Keystone State famers are now anxiously awaiting fields to dry up so they can continue planting oats and prepare seed beds for other crops

In Lancaster County, field work resumed on Monday, although conditions for working the soil were far from ideal. However the time is running short for tomato growers and corn planting.

Tobacco plants in seed beds made slow growth because of the cool weather

For the week ending Monday morning, Safe Harbor reported a total of 2.23 inches of rain. The total during the 1958 growing season now stands at 7 27 inches.

The average maximum temperature for the week at Safe Harbor was 59 degrees and the average minimum was 45 degrees. The high for the week was 72 on Monday and the low was 40 on May 8

Hays are progressing nicely, little damage from insects so far, however, spraying has been held up by the wet weather.

Rye and barley are shooting heads.

This week the federal crop reporting service released national crop production highlights. It is estimated that winter wheat production in the U S. will total 1,010 million bushels, 43 per cent more than last year and 19 per cent more than average.

Egg production at 5.5 billion eggs in April was three per cent less than April 1957 production and six per cent below the April average.

Milk production in April was about the same as last year.

May 1 Rate of Lay Exceeds Record For Date; April Production Down

Reports from poultrymen on May 1 indicate layers have fully recovered from the effects of stormy weather in February and March, according to the State Crop Reporting Service.

Production, averaging 62 8 per cent, set a new record for the date and exceeded the previous high a year earlier by almost one per cent.

The average for the month at 61 2 per cent reflects a relatively low rate on April 1.

THE AVERAGE number of layers during April at 16,746,000 showed less seasonal decline from March than in most years and was only one per cent below April 1957. The low rate of lay early in the month was sufficient to drop egg production two per cent below April last year.

The total for April was 307 million compared with 303 million in March and 315 million for April 1957.

Production of eggs for January through April of this year totals 1,203 million or six per cent below the 1,271 total for the same four month period of 1957.

The chicken-feed ratio stands at 4 9, a point above the national average The egg-feed ratio is 11 points above the national average which stands at 10 8.

Pennsylvania broiler growers also showed themselves to be in a better position than the average for the nation. The broiler-feed ratio in this state was 4 3 while nationally it was down to 3 9. Both showed a drop from the month previous, but were a point above last year.

April Milk Production 5% Higher Than in 1957; Cow Numbers Drop

Milk production in Pennsylvania set a record in April despite a decline in the number of cows

The 601 million pounds produced exceeded April last year by five per cent, and April 1956 by three per cent

The estimated 936,000 cows in Pennsylvania herds durng April represents a drop of 2,000 head from the month previous and 6,000 fewer than a year earlier. Reports indicate no let-up in the trend toward fewer but larger herds as mechanization continues

REPORTING HERDS fed an average of 9 2 pounds per cow in the herd on May 1, an increase of .3 pounds from a year earlier. The decline from 9.6 pounds on April 1 represents a seasonal change as grazing increases

Dairymen averaged $4 60 a hundredweight for milk during the month, 35 cents less than in March However this was a nickel a hundred more than was received in the same month of 1957.

THIS PRICE was also considerably greater than the national average price for milk. The national average was $3 91 a hundredweight This represented a drop not only from the month before, but also from the 1957 average of $3 98 cents a hundred

Broilers Retain Price Boom; Average 22.98 at Lancaster Exchange

LANCASTER, May 8 —Twenty-nine lots of broilers, 13,015 birds in all, averaged 22 98 cents a pound at the Lancaster Poultry Exchange's weekly auction today

Last year the average for the corresponding week was 20.8 cents, with 117,900 birds sold.

The price this year ranged from 22¼ cents to 24¼ cents.

Thirty-one lots of Junior Chicken of Tomorrow Contest birds (12 to 175 per lot) sold at 23 to 26.5 cents the average being 24.11 cents per lot. The number of birds was 2,362.

One lot, 500 head, of Leghorn Fowl sold at 17½ cents. One lot, 600 head, of Cross Fowl sold for 23 cents. Two lots, 2,350 head, pullet capettes sold for 24 and 24-¼ cents Two lots, 2,950 head, cockerel capettes brought 25½ and 26½ cents.

Six thousand Silver Cross cockerel went unsold

Here is the May 8 sole by lot number, seller with grower in parenthesis, number and breed, age in weeks and days, buyer and price per pound.

1 Daniel G Forry, 3,950 White Vantress, 9-2 College Hill, 22¾ cents 2. Eugene Schlosnagle, 8,400 White Vantress, 9-2, College Hill, 23 cents 3 Eugene Scholos nagle, 8,400 White Vantress, 9-2, S E Davis, 23 cents 4 Allen E Moyer, 2,150 White Vantress 9-4 College Hill, 23 cents

5 Gerald Moyer, 1 0000 White Vantress, 11, Ray W Gibble, 23½ cents 6 J Floyd Kreider, 2 900 Indian River White, 10-5, College Hill, 23 cents. 7. Aaron B. Sauder, 600 Sex Link fowl, 1 year, Walter C. Mellinger, 23 cents 8. J. Lloyd Hossler, 600 White Vantress, 9-2, Carl B Risser, 23 cents. 9 Eshelman's Experimental Farm, 3,900 White Vantress, 10, Roy E Ream, 23½ cents.

10 Miller & Bushong (Jay Donmoyer), 1,500 White Vantress 10, College Hill, 23½ cents. 11. M&B (Lester Shirk), 6,000 White Vantres, 9-3, College Hill, 23 cents. 12. M&B (Joseph Bushey), 9,000 White Vantress, 10, College Hill, 22½ cents. 13. M&B (Joseph Bushey), 9,000 White Vantress, 10, College Hill, 22¾ cents. 14. M&B (John L Herr), 4,100 White Vantress, 9-6, College Hill, 23 cents

15. M&B (John L Herr), 4,100 White Vantress, 9-6, Meader's Poultry, 23 cents 16. M&B (William Wile), 2,400 White Vantress, 9, Daniel K. Good, 23¼ cents. 17 M&B (William Wile), 6,000 White Vantress, 9, Victor F. Weaver, 23 cents. 18. M&B (William Wile), 2,000 White Vantress, 9, Daniel K. Good, 23 cents 19. M&B (Clair Bomberger), 5,000 Indian River White, 10-2, College Hill, 22¾ cents

20 M&B (Elam B. Riehl), 1,750 White Vantress pullet capettes, 13-2, Carl B Risser, 24¼ cents 21 Clayton H Shenk, 1,200 White Vantress, 10-2, John N Thomas, 24¼ cents 22 Samuel Grubb, 7,500 White Vantress, 9-2. Victor F Weaver, 23 cents 23 Samuel Grubb, 8,500 White Vantress, 9-2, Meader's Poultry, 23 cents 24 Noah Kreider & Son, 7 000 White Vantress, 9-2, College Hill, 23 cents

25 Noah W Kreider & Son, 7 000 White Vantress, 9 1, Walter C Mellinger, 23¼ cents 26 Melvin K Barge, 4,600 White Cross cockerels, 9 6, Daniel K Good, 23 cents 27 Melvin K Barge, 600 White pullet capettes, 13 2, Daniel K Good, 24 cents 28 Melvin K Barge, 1,200 White Cross cockerel capettes, 13-2, Carl B. Risser, 25½ cents.

29 Morgantown Feed (Sam B Glick), 600 Whte Vantres, 9-2, College Hill, 22¼ cents. 30 Morgantown Feed (Ivan Nolt), 700 White Vantress, 9-1, College Hill, 22½ cents 31 Morgantown Feed (Allan Schantz), 3,000 Silver Cross cockerel, 8 1, no sale, 18 cents bid 32 Morgantown Feed (Allan Schantz), 8,000 Silver Cross cockerel, 8-1, no sale, 18 cents bid 33 M M Wenger, 500 Leghorn fowl yearlings, College Hill, 17½ cents

34 Miller & Bushong (Elam B Riehl), 1,750 White Vantress cockerel capettes, 13-2, Carl B Risser, 26½ cents 35 Sam Grubb, 9,000 White Vantress, 8-6, Victor F Weaver, 23 cents 36 Sam Grubb 6,000 White Vantress, 8 6, Victor F Weaver, 23 cents 37 Clayton G. Lefever, 1,515 White Vantress, 8 6, Carl B Risser 23 cents

Active Buying Boosts Hogs Half at Chicago

CHICAGO, May 13 (USDA) — Hogs 7,000, active, uneven, fully 50 higher on butchers, several lots over 250 pounds 75 higher, sows 25 to mostly 50 higher, good demand by all interests and early clearance; 2 3 190-240 lb butchers 23 25-23 75, several hundred 1-3, motly 1-2, 190-230 lb , 23 75-24; several lots mostly No 1 , also 24, around 150 head, 200 215 lbs 24 25, 2 3 250-270 lbs 22 75 23 25, 2-3 mostly 3s 280-315 lbs 22-22 75, mixed grade 400-475 lb sows 19 19 75, with 325-400 lbs 19 75 20 75, most 500 550 lbs 18 50-19; shipers took 2,800 head

CATTLE 7,500 calves 200, slaughter steers and heifers moderately active, steady to strong, cows and bulls slow, cows steady to 50 lower, bulls steady to weak, vealers, stockers and feeder fully steady, load prime around 1,360 lb. slaughter steers 34 50, several loads high choice and low prime 1,140-1,250 lb weights 31 50-33 50, bulk choice steers all weights 28 25-31; good steers 26-28, standards 24-25 50, choice 1,200 lb. steers and heifers 29 50, most good and choice heifers 25 50-29; utility and standard 21-25, half load good fed cows 24 25, standard cows 22 50-24; utility and commercial cows 19-22 50, most canners and cutters 16-19 50, utility and commercial bulls 21 50 24, good and choice vealers 30-34, standard 23-30, cull and utility 10-22, Loads good and choice 710 lb stock steers 28 60; short load choice 480 lb steer calves 32 50.

All Classes Steady; 10 Head Hogs Reach $25.50 at Lancaster

By Dave Lorenson
Federal-State Market News Service

LANCASTER, May 14 —

CATTLE 3,368, week ago 2,884. Slaughter steers and heifers strong to 50 cents higher than last Wednesday, cows unevenly $ 25-1.25 higher, most advance on top cutter and utility cows Bulls fully steady to strong compared with last Wednesday and stockers and feeders fully steady to strong, instances 50 cents higher.

Receipts included around 43 lots slaughter steers with about 40 per cent stockers and feeders only 15 per cent or less cows and bulls.

Bulk choice fed steers 1,000-1,300 lbs $28.50-31, few lots and loads high choice and mixed high choice and low prime $31.50-32 part load 1,113 lbs. $33, load 1,-251 lbs. prime steers $33 50. Good and low choice steers $27 25-28 50. Small lots good and low choice heifers $25.50-28. Bulk cutter and utility cows $19-23 25, commercial cows to $23 75. Canners and low cutters $15 75-18 75 .Utility and commercial bulls $23-26.50, good fed yearling bulls to $27.50.

Bulk medium and good stocker and feeding steers and light yearlings 585-1,025 lbs $26 50-29 50, mixed high good and low choice stock steers 600 lbs. and lighter $29 50-31.

CALVES 650, week ago 737. Vealers moderately active steady to weak compared with last Wednesday. Bulk good and choice 140-200 lb vealers $20-35, a few

(Continued on page three)

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Consumers, including buyers for stores, institutions, etc., want the Best Meat and Eggs . . . no irregular lots of birds or mixed colors and mixed quality eggs. The final result depends on what you start with, and we have the chicks that will make Premium-Price meat and eggs. Interior quality of eggs is "tops".

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Carey White Leghorns, White Rocks, Cornish-Rock Cross, Merryknoll and Golden Sex-Links, New Hamps and Barred Rocks. Phone today for a date.

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Yes—here is the one low-cost solution of your silage problem. Makes no difference whether its corn or grass—just add a dash of *Premier Silage Treet* as silage is blown into the silo and you'll preserve its fresh flavor . . . you'll keep out offensive odors . . . you'll keep in all the good vitamins. *Premier Silage* "TREETED" roughage crops for winter feeding smell sweet and your herd will relish the special added flavor.

Premier Silage Treet also helps make poor quality hay palatable.

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Send today for free descriptive literature and prices on *Premier Silage Treet*. Don't pass up the advantages of feeding "TREETED" silage. Act now, and put extra dollars in the bank with the money you save on Feed Bills.

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Healthy Chicks Make Great Layers!

Loren Bucher, Quarryville
R. D. 2, Pa., has this to say about
Babcock Bessies . . .

"We are very well pleased with the results that we are securing from our 2600 Bessies started in February and May of 1957. Our February batch has averaged about 80% for the 8 month period since production started in August Mortality for the same period has been less than 2% The eggs are 95% large and are grading 91% AA We enjoy working with these birds since they are very quiet and free of cannibalism"

Loren Bucher

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"And are we cows glad! There's nothing like Sterling Blusalt to give us full-time protection against trace-mineral deficiencies. Blusalt contains manganese, iron, sulfate sulfur, copper, cobalt, iodine and zinc—blended with high-quality salt, the ideal natural carrier."

STERLING BLUSALT—*Product of International Salt Company, Inc.*

Blusalt available here

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Eastern States Farmers Exchange, Manheim Pike, Lancaster, Pa.
Eastern States Farmers Exchange, Pomeroy, Pa.
Eby's Mill, Lititz, Pa.
Harold H. Good, Terre Hill, Pa.
M. S. Graybill and Son, Bareville, Pa.
Paul H. Hurst and Son, East Earl R. D. 1, Pa.
Ira B. Landis, 779 Valley Rd., Lancaster, Pa.
Martins Feed Mill, Ephrata, R. D. 3, Pa.
Millport Roller Mill, Lititz, R. D. 4, Pa.
Mountville Feed Service, Columbia, R. D. 2, Pa.
George A. Rutt, Stevens, Pa.
J. C. Walker and Son, Gap, Pa.
David H. Weaver, New Holland, Pa.
C. P. Wenger and Sons, Ephrata, Pa.
Wolgemuth Bros., Florin, Pa.

Wednesday New York Egg Market

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Nearby Whites	
Extra Fancy Heavyweights	39
Mediums	35
Pullets	30½-31
Peewees	23
Nearby Browns	
Extra Fancy Heavyweights	40 -40½
Mediums	38
Pullets	35½
Peewees	23
Midwestern Mixed	
Fancy Heavyweights	38½
Mediums	35
Standards	37½
Checks	33
Midwestern Whites	
Fancy Heavyweights	39
Mediums	35
Pullets	30½-31
Midwestern Browns	
Fancy Heavyweights	41

NEW YORK, May 14 — Shell egg market unsettled under slow trading with Nearby Whites again showing moderate accumulations in some quarters.

NBY WHITES	May 8	May 9	May 12	May 13
Ex Fcy Hywts	40	40	39	39
Mediums	34½-35	35	35	35
Pullets	32½	32½	32½	31½-32
Peewees	23	23	23	23
NEARBY BROWNS				
Ex Fcy Hywts	40½	40½	40½	40 -40½
Medums	37	37	38	38
Pullets	35	35½	35½	35½
Peewees	23	23	23	23

PHILADELPHIA EGGS

PHILADELPHIA, May 14 — Barely steady. Supplies of most grades were more than adequate for the fair immediate demand.

Prices to retailers in cartons (cents per dozen). Grade A and US grade A large: whites 49-53, mostly 50-51; browns 49-53, mostly 50-51. Grade A and US grade A medium: whites 43-47, mostly 44-46, browns 43-47, mostly 44-46. Grade A and grade A small whites 37-42, mostly 39 41; brown 37-42, mostly 39-41 Grade B and US grade B large 45½-48, mostly 46-48; browns 45½-48, mostly 46-48. Receipts, May 13 — 6,300 cases by truck.

LIVE POULTRY

PHILADELPHIA, May 14 — Unsettled. Demand only fair for more than sufficient supplies of most classes Buyers were very critical as to size and quality Most sales were forced in a buyers market

Receipts, May 13 — 90,000 lb. including. Maryland, 5,000 lb, Delaware, 17,000 lb;

Wholesale selling price, No 1 and fancy quality. broiler-fryer heavy type 3-4 lb. 22-26, pullets 4½ lb. and over 29-32, hens, heavy type 26-30, light type 16-21, old roosters 12. Ducks, Pekin 30 Turkeys young hens, 43.

PROCESSED POULTRY

PHILADELPHIA, May 14 — Icepacked broilers and fryers — barely steady. Demand was fair. More than adequate supplies were offered.

Prices paid delivered warehouse, Philadelphia (cents per lb.) Grade A and US grade A, 2-3 lb 34-34½.

Hens Ready-to-cook (ice packed.) Steady. Demand was good, especially for heavy type. supplies were sufficient.

Receipts, May 13 — 222,000 lb other than turkeys. Maryland 84,000 lb., Delaware 78,000 lb., Virginia 35,000.

Broiler Prices Recover Quickly From Weakened Week-end Position

PHILADELPHIA, May 13 — With demand faling off across the nation generally, broiler and fryer prices eased in the major producng areas at the beginning of the week

Week-end sales in the Delmarva area saw the bulk of the birds moving at 21.75 cents a pound Georgia prices were down a full cent

By Tuesday the market had regained slightly and the prices remained about steady to slightly higher than a week ago.

The broiler-fryer ratio on May 9 stood at 4 2, up a point from the previous week and four points from two weeks ago. Feed prices were quoted at $101 90 a ton for 20 per cent broler mash and the average price was 21.58 cents. about a half cent higher than the week before

Here is the way the market shaped up in the six major broiler producing areas on Tuesday

DELMARVA: Market unsettled and quiet. Trading light with most of trading at undetermined prices Prices paid at the farm were from 22¼ to 22½ cents. Of 71,000 head sold, 24 per cent were at 22¼ cents, 12 per cent at 22½ cents, and the remainder undetermined

GEORGIA: Demand improved slightly in some instances but continues spotty to mostly fair. Offerings generally ample but slightly irregular a few points Buyers' offering prices were from 19 to 19½ cents at the farm. Eighty per cent moved at 19 cents and only nine per cent at the 19½ cent price

NORTH CAROLINA: Offerings adequate Demand fair. Prices ranged from 19 to 20 cents Most sales at 19 cents, slightly fewer at 20 cents.

SHENANDOAH VALLEY: Demand irregular ranging from slow to good. Offerings ample to short in some sections Prices paid were 20 to 21½ cents Sales were about evenly split from 20 to 21 to 21½ cents. Heavy hens were quoted at 20 to 22 cents, small hens at 13 cents.

ARKANSAS: Offerings excessive at some points, short at others Undertone unsettled Most birds were sold for 20 cents a pound with the bottom at 19 cents.

ALABAMA: Offerings and supplies ample to fully ample. Demand slow to fair, mostly fair Prices at the farm were steady at 19 cents

Lancaster Markets

(Continued from page 2)

prime $36 38. Standard grades $25-29, utility down to $20.50.

HOGS 1,641, week ago 1,576 barrows and gilts $1 00-1.50 higher than last Wednesday, sows strong to 50 cents up. Bulk barrows and gilts mixed U S 1, 2 and 3, 190-230 lbs in Wednesday's trade $24 25-24 75, several lots No 1 and 2, $25, about ten head $25 50. Few 230-250 lbs. No. 2 and 3, $24-24 50 Sows mixed U S 1, 2 and 3, 300-550 lbs. $16-19, few under 300 lbs to $19 50.

SHEEP 402, week ago 459 Supply mainly native and Virginia spring slaughter lambs, these grading mostly good and choice. Slaughter lambs steady and choice 60-80 lb spring lambs with last Wednesday. Bulk good $26-28, few utility down to $24.00 Aged sheep too scarce for a market test

100 Broad Breasted White Turkey Poults
85c each
100 Warren Red Chicks 16½c each

Black Wilson Soy Beans	bu $5 00	B Starter NFZ	4.45
Lanc. Co. Sure Crop Seed Corn	bu. 5 50	B Grower	4 30
Conn. No. 870	bu. 8 00	Blue Bird All Mash D.P.	3.95
Turkey Starter Crumbles	4 90	Super A 24% Egg Mash	4.50
Fine Chick Feed	5.10	Sheep Feed	4.10
		Horse Feed	4.00

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10c per hundred discount on half ton lots or more.
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DID YOU KNOW EASTERN STATES NEW

BROILER FEEDING PROGRAM
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3 Placings Out Of 10 In The State Contest
3 Placings Out Of 10 In Coatesville Round Up
2nd* 6th 10th
*Gene Seitz Birds Averaged 4.25, Feed Conversion 2.19
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WHY NOT CALL EASTERN STATES AND ASK ABOUT THIS 1958 BROILER FEEDING PROGRAM

Eastern States Farmers Exchange
A Non Profit Farmer Owned Cooperative

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THE FACT THAT A MAN CAN RUN DOWN A PAIR OF RUBBER HEELS DOESN'T PROVE HE'S A DETECTIVE!

We want to prove to you the value of the complete satisfaction we can give you.

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Dextropep
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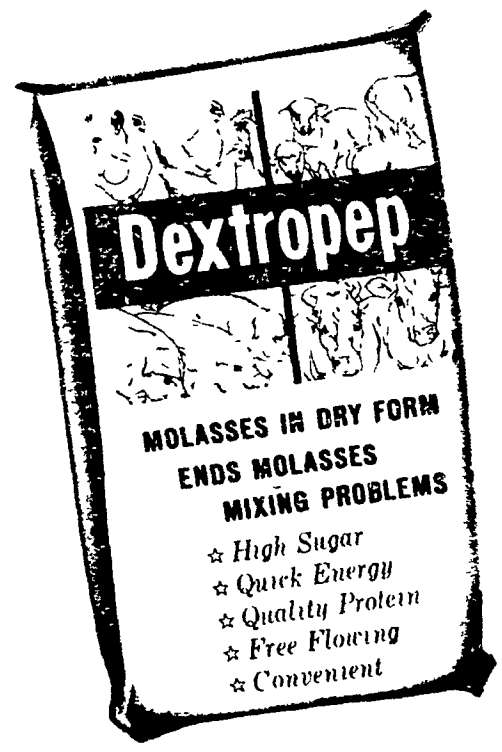

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★ It makes silage taste better.

Convenience

★ Dextropep is dry and free-flowing for easy application.

	Per Ton
Grass Silage	25 lbs.
Legume Silage	50 lbs.

★ Dextropep ferments to the proper acidity in about 48 hours.

★ Retards spoilage.

★ Adds real feed value.

★ Reduces excessive moisture loss. Corn oil meal will absorb six parts water and reduce loss of valuable nutrients.

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Economist Believes Co-ops Should Lead In Growing Trend to Vertical Integration

THIS week in Washington two officials had words to say about the implications of agricultural integration and how the farmer is likely to fare as integration gains a greater foot-hold

Orlin J Scoville, head of the farming efficiency section of the Agricultural Research Service said that the farmer who now operates at a high level of efficiency may be worse off if integration increases output and lowers prices, although he still will retain some bargaining power and still will be an efficient operator Better off—due to integration—he said, will be the farmer who has not kept up with technological improvements and who has had limited capital.

This truly is a gloomy picture The farmer who now is looked to as the man who makes agriculture a business is slated to become pinched by the farmer who never cared enough to keep up with what is going on in the business

But another speaker for the USDA, Martin A Abrahamsen, director of the purchasing division of the Farmer Cooperative Service, gave some suggestions that may help the farmer out of this dememma

He suggests that cooperatives put their houses in order, sharpen up their business practices and go out and integrate with the farm operator.

This, we know, is sacrilege Co-ops, in this area, are against integration in all shapes and forms

Or are they? Let's take a look

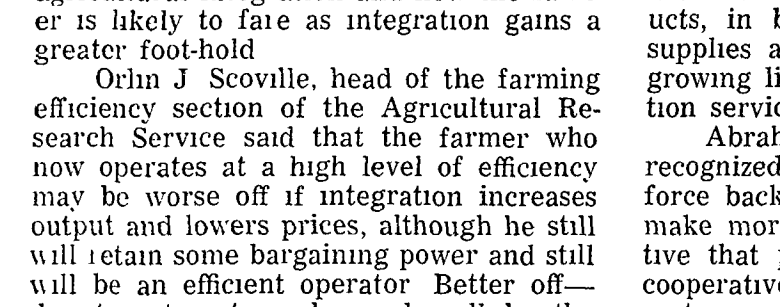
In his off-the-farm operations the farmer, either through his cooperative or as an individual operator, has done quite a bit of integrating in marketing his products, in buying a wide variety of farm supplies and in providing himself with a growing list of farm business and production services.

Abrahamsen says that it is generally recognized that an important motivating force back of integration is the desire to make more money It is this same objective that prompts the farmer to use his cooperative to further integrate his operations

Cooperatives, if they are going to meet their new responsibilities in the age of integration are going to have to meet new needs of the farmer, develop broader horizons, provide better management, build better industrial relations and assume business risks

If the cooperatives will remove their heads from the sand and start to integrate, Abrahamsen predicts that farmers will receive greater savings from an expanded operation; receive improved service because the cooperative will be able to employ superior practices, and will have greater bargaining power due to larger volume of marketings and purchases

Already integrating are several southern poultry co-ops, fruit growers co-ops, nut growers, milk producers and grain growers Most of the organizations are in the West, although there has been some interest and action by East Coast paultry cooperatives.



This Week in Lancaster Farming

BY JACK REICHARD

75 Years Ago

The Indian papoose tied to its board is not unfamiliar to Americans but it seems that many babies not born in this country were subjected to similar treatment

Seventy five years ago babies born in Germany were not allowed the same freedom as those in America For the most part of their first year of earthly pilgrimage German babies were tightly wound up in swaddling clothes with both arms and legs pinioned and carried about on pillows especially made for the purpose

After they escaped from their wrappings a bag of feathers was tied on their backs so when they tumbled over they had something to fall upon Those of the poorer classes were laid in a basket with a little bag of sugar in their mouths and were expected to behave themselves without much further attention from mother or nurse The nurses on the streets carried the babies in their arms on a pillow tied to it by pink ribbons laying as still and motionless as if they were little mummies

In the case of Ex Treasurer Marshall I Polk the jury turned in a verdict of embezzlement fixing the penalty at imprisonment for twenty years and imposing a fine of $400 000 the full amount of the embezzlement Polk was a nephew and the adopted son of the late Ex President James Knox Polk

State Senator Taylor of Trenton N J brought suit against the Western Union Telegraph Co for the amount of $10 000 for the delay of a telegram three days in a distance of thirty miles involving loss in a large port transaction

W K Vanderbilt of New York had ordered a Russian troika which was a two wheeled car riage drawned by three horses harnessed abreast

The extensive plants of the Howe Sewing Machine Co Bridgeport Conn were destroyed by fire seventy five years ago with the loss estimated at $350 000

50 Years Ago

A pet pigeon saved the life of James Myers a youngster residing on a farm near Hanover, Pa when the boy met with a peculiar accident while climbing over a fence in the meadow

The lad slipped and tumbled among some tangled vines, which caught his feet and left him hanging head downward over a rocky ravine about six feet deep The boy made a struggle but was unable to free himself The pigeon which was raised by the youngster and always accompanied him about the farm flew back to the barn, flapping its wings and cooing in such unusual manner it attracted the youths father, who followed the bird to the ravine in time to save his son who was found in an unconscious condition

During that same week in May back in 1908 John Ford, of Hanover Pa, tried to frighten his brother Harry by playing ghost and was confined to his home with a bullet wound in the thigh On his way home from a neighbor's house that night Harry passed a cemetery which his brother had told him was haunted He saw a white figure standing on the tallest tombstone and heaving a pistol shot at it

After the shooting Harry ran home without investgating and did not know he had shot his brother until John came limping into the house His injury was not serious

William Smith a Lancaster County farmer residing near Akron had an exciting experience that Saturday morning 50 years ago this week There was a stir of commotion among the cows along the edge of the woods adjoining his property and Smith got his gun and went to investigate He found the cause of the noise to be an unusual large bird which had taken perch on the top of a high tree In an effort to save the bird Smith aimed at its wing and brought the bird fluttering to the ground where he succeeded in capturing it after a hard fight

Bird authorities were summoned who pronounced it an American Eagle which was the size of a large turkey An examination found the bird was uninjured, as only one shot had struck the wing, paralyzing it for a few moments

Smith placed the eagle in a large box, and the following day being Sunday, several hundred persons visited the farm to see the bird

25 Years Ago

In a letter from U S Post Office Department to Pennsylvania's Secretary of Highways Samuel S Lewis, the department praised the state for its good rural roads

Good rural roads, the post-office officials pointed out enabled the rural free delivery mail carriers to cover their routes in a fraction of the time formerly required By retiring the horse drawn equipment for the faster motor vehicle, two or more of the old slow routes were consolidated at a substantial saving in operation costs

Between 1923 and 1933 the post-office department made 128 rural routes consolidations in Pennsylvania effecting a total annual saving of $138 075 In addition rural Pennsylvania was getting earlier mail deliveries

Postmaster Thomas J Lang left at Washington, Pa, stated his office served more than 10,000 rural mail patrons who received their mail before noon each day the year round.

Back in May 1933 at the annual convention of the Knights and Ladies of the Golden Eagle held at Easton it was decided the 1934 gathering would take place at York Pa

Twenty five years ago this week a great six day bazaar was held at 131 North Queen Street Lancaster where articles made by the blind of the county was placed on display for sale

Lancaster Farming

Lancaster County's Own Farm Weekly

Alfred C Alspach Publisher, Robert E Best Editor Robert G Campbell, Advertising Director, Robert J Wiggins Circulation Director

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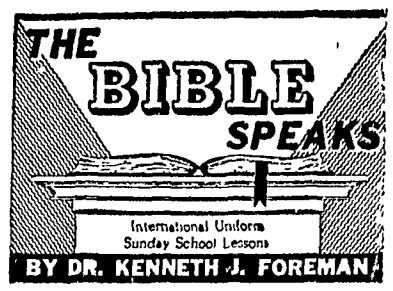

Bible Material: Numbers 13.17—14:45
Devotional Reading: Hebrews 3.5-19

Minority Report

Lesson for May 18, 1958

"SUCH popularity must be deserved." "Fifty million Frenchmen can't be wrong" "The voice of the people is the voice of God." They aren't necessarily so, such slogans as these Popularity may be no more than the effect of clever but dishonest advertising. Fifty million Frenchmen, or Americans or what have you, can be and sometimes have been as wrong as sin. The voice of the people can be the voice of the devil To be sure, the majority may be right some of the time, even most of the time. But it is no infallible guide, and it's a wise man that knows when the minority report is the right one.

Dr. Foreman

God's Examination Day

Indeed, the ability to detect the truth, even when it is in a minority report, has sometimes been God's way of sifting, of testing, his people. There is an interesting Old Testament story which tells of one of these examination days of God sets for men now and then The people of Israel, set free from Egypt, had been in the wilderness a little over a year They had been given the Law, they had what we would call an organized church, they had a military organization All was set now for the actual march into Canaan, the promised land. Under God's inspiration, Moses takes precautions first. He sends twelve leading men in to "spy out the land," perhaps the first "intelligence" section of any army recorded in history. They stayed in Canaan for nearly six weeks, without any secrecy (Passing as Egyptians they would attract no attention in the Canaan of that era) They came back with one unanimous report Canaan was a country well worth the conquest, and the conquest would not be easy. At that point the unanimity stopped The tricky part of any report is the recommendations. The majority recommended: Don't attempt to enter Canaan. Too much fighting, certain defeat. A little minority of two, two against ten, recommended: We can do it by God's help, if we will; so let it be done! Choosing between those two reports was God's examination for the whole people—and they failed For they thought the majority report was right.

The Wisdom of Faith

A majority report nearly always sounds right, and this one did It was a shrewd analysis of an obvious risky situation But it was wrong For the minority report brought in by Joshua and Caleb had a different kind of wisdom, the wisdom of faith Now it takes faith to see the wisdom of faith; and that is why, to those without it, faith so often looks like sheer foolishness and even idiocy It is a test of faith, to begin with, to see that a minority can ever be right Left to our natural selves, we make wisdom a matter of arithmetic, right and wrong a matter of counting noses We wait, before making up our minds, till we see which way the bandwagon is headed, and then we jump aboard. True faith asks first, What is right? What does God say? and not What do people say? What does the biggest crowd think?

Counting God In

The wisdom of faith, now in our time as in the time of Joshua, has confidence enough in God always to count him in Most Americans believe in God, so the polls say. But most Americans make plans, large or small, without any thought of God, precisely as if he did not exist That majority report of the ten timid spies never mentioned God at all Maybe they just forgot him entirely Maybe they thought he had worn himself out getting the people out of Egypt Anyway, their plans and recommendations had no room for him The minority report, with the wisdom of faith, included five little words (in our English translation) that made all the difference: "The LORD is with us" The people could not believe that and so they died without ever setting foot on Canaan's soil. It takes faith to count God in to your plans and your hopes It takes faith to believe that what God wants done, can be done. The test of faith is not the sure thing, the project that can't miss. The test of faith is not the bright day but the dark one Jesus himself once spoke of a time when men would faint with fear and foreboding of what is coming on the world **Then,** he said, **then,** lift up your heads!

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Now Is The Time . . .

By MAX SMITH

County Agricultural Agent

Max Smith

TO CONSIDER A TRENCH SILO — Many livestock producers need additional storage space for silage crops, with ample moisture this spring excess forage crop growth might be preserved for later use The trench silo is one of the most economical means of making silage and should be useful to many grass silage feeders at this time of the year Assistance in locating and planning is available from your Extension Service.

TO UTILIZE EXCESS FORAGE CROPS — Rank growth of most crops in recent weeks presents a surplus of pasture for the coming weeks It is suggested that producers make either silage or hay from this excess growth rather than allow the animals to tramp and waste large amounts This feed might be very useful later in the season

TO KILL WEEDS IN SPRING OATS — Local growers who were fortunate enough to get spring oats seeded might keep in mind that many of the weeds may be eradicated by spraying when the oats are from 6 to 12 inches high with ½-pound (one pint) of the amine form of 2 4 D Cut this amount in half if oats are seeded down to legumes Weeds such as mustard, wild radish and ragweed can be controlled with this practice

TO SPRAY THISTLES — Canada Thistles are listed as a noxious weed in Pennsylvania land owners are expected to control them and prevent the spread of the seeds One method of control could be to spray in the spring when the thistles are growing rapidly and from 6 to 12 inches high Use amine triazole or the amine form of 2 4 D as the chemical spray Be careful of drift to adjoining fields of tobacco beds tomatoes or legume crops Allow 10 days to two weeks before the land is plowed or worked

TO PLAN FOR BETTER QUALITY HAY — The risk of getting good curing weather is too great and may be very costly if local dairymen really recognize the great value of top quality hay We suggest the use of a hay conditioner (either crusher or crimper) in the field immediately after mowing, and also, the installation of a mow hay finisher to complete the curing job in the barn These two practices make a splendid team to reduce the danger of loss of feed value by normal field curing methods Further details are available

Champion COT Birds Bring $6.50 To Equal Record Set at Coatesville

The Pennsylvania state champion junior chicken grower pocketed a check for $347 75 when his 1958 Chicken-of-Tomorrow entry of 15 broiler-fryer chickens brought $6 50 per pound at auction May 7 in Sunbury The price per pound equaled the all-time state record set at Coatesville in 1955

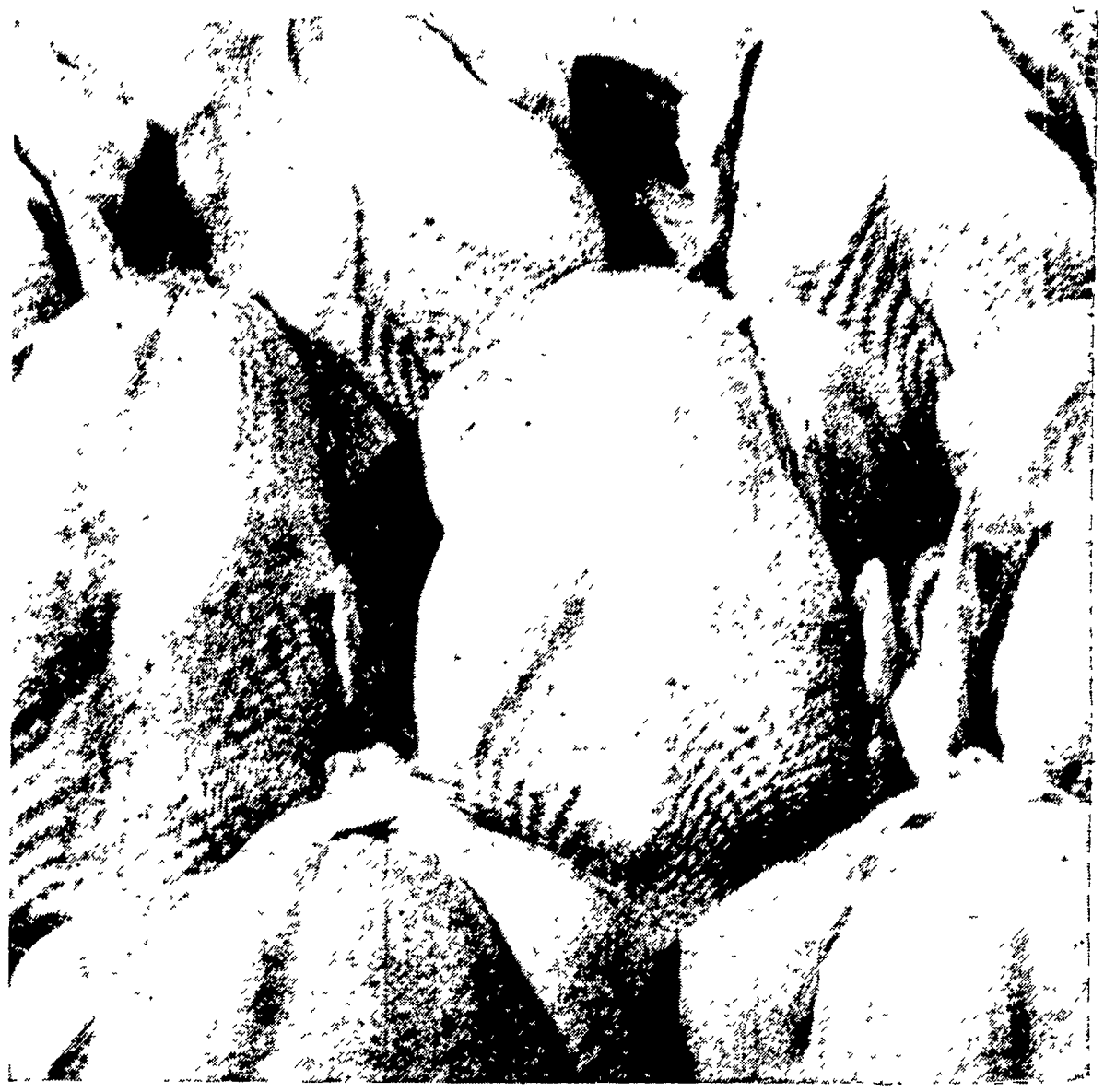
The happy boy is 16 year-old Fred R Romig of Beaver Springs RD 1, Snyder County The check came from Mattern's hatchery, Beaver Springs, where Fred bought his chicks It was the highest bid at all six regional auctions where more than 600 entries were sold today

Young Romig's cross bred chickens won the state title at the Farm Show Building on Tuesday in competition with the 24 top entries out of the original 43 in the statewde contest The 15 dressed chickens weighed 53½ pounds, averaging 3½ pounds each at 9½ weeks of age.

Second best price in the State was $3 00 per pound paid at the Fredericksburg auction for the reserve championship entry of Loren L Worman, 19, Bernville RD, Berks County His lot weighed 59 pounds and netted him $174 from Purina Mills, the buyer. While the reserve champion birds weighed more than the champion entry the judges found slighty higher quality gave the edge to the Romig chickens

State champion birds brought $6 per pound in 1956 and 1957 At each auction the regional grand champion brought the highest price per pound, as follows

(Continued on page thirteen)



A CHECK FOR $347 75 was the material reward to Fred R Romig, R1 Beaver Springs, who grew the Grand Champion entry in the state Junior Chicken of Tomorrow contest. This price, $6 50 a pound, equalled the record set in Coatesville in 1955 Statewide, the average price was 54 77 cents a pound Live contest birds sold for an average of 24 11 cents a pound at the Lancaster Poultry Exchange Thursday.

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53% Duo Copper 6 lbs	2 75
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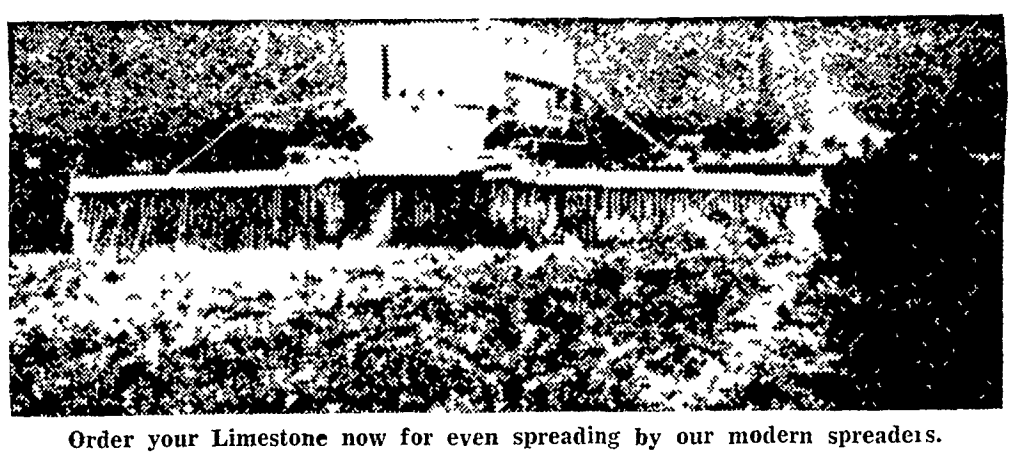

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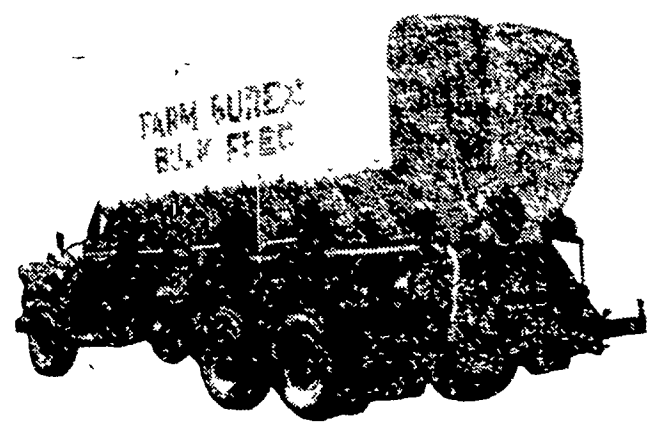

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Holstein HIR Average 13,187 lbs. Milk, 486 lbs. Fat During 1957

The Holstein-Friesian Assn, of America has announced a lactation average of 13,187 lbs of milk and 486 lbs. of butterfat for cows completing records in its Herd Improvement Registry program last year.

Computed on the commonly-accepted two milking a day, 305 day, mature-equivalent basis, the average includes the production of 69,426 registered Holstein cows in all 48 states.

The national Holstein organization has operated the HIR program on a lactation average basis for two complete years.

DESPITE THE FACT that the 1957 figure includes the records of nearly 1,100 more cows, it represents gains of 88 lbs of milk and five lbs of butterfat over the 1956 figure.

Although actual records are still used in reporting the annual production of every cow in HIR-tested herds, the lactation figures have replaced actual herd averages in the program.

THE SYSTEM greatly simplifies accurate comparisons between herds and with the breed average since all cows are placed on an equal footing in regard to age, milking frequency and length of testing period

Herd Improvement Registry, in continuous operation since 1929 provides individual lactation and lifetime records on every cow in participating registered Holstein herds

The program, operated under the supervision of the state agricultural colleges, is currently enjoying unprecedented popularity with 83,892 cows in 2,201 herds enrolled

---

In April of this year dairy price support purchases amounted to 12,582,198 pounds of butter, 3,816,933 pounds of cheddar cheese, and 107,020,707 pounds of nonfat dry milk, plus 22,006,998 pounds of nonfat dry milk purchased with Section 32 funds for domestic distribution

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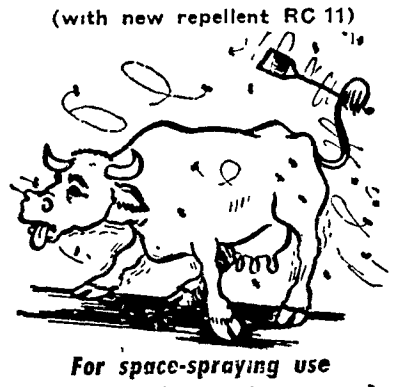

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West Caldwell, New Jersey

Benson Finds Farm Economy Now 'Refreshing'

(Continued from page one)

year If the legislation fails, the nation's cotton acreage will be dropped to about 14 million acres, a figure which would make many individual allotments too small to farm.

BENSON APPEARS to be holding out for modifying the price support structure for the cotton crop and the dropping of escalator clauses He indicated that any other legislation would stand a very good chance of being vetoed

The acreage reserve program is still scheduled to die at the end of this year. The conservation reserve program will remain in effect.

The Secretary expressed regret that the Department was forced to give an unfavorable report on the proposed self-help plan for dairymen He said, "We look forward to a healthy dairy industry. We are still looking for a self-help program But most help to the industry must come from increased sales"

"A SURVEY HAS shown that the nation requires a nine per cent greater intake of calcium through milk This is about double what the government is buying"

Benson described the farmers troubles during the past few years as a "transition period" following a great boost in production to take care of needs of a nation at war

"The transition is hard on farmers, but quite a lot of the transition is over," he said.

"Prospects for prices are good."

Inept Farmer Stands to Gain From Integration

(Continued from Page One)

are possible, Scoville said.

Scoville did, however, downgrade the idea that the farm of the future will be a huge factory in the field Most farms, he believes, will be integrated around a family work force.

TO MAINTAIN their bargaining position, the economist believes that two courses will be followed by the integrated farmer Where labor returns are primarily on a wage or piece-rate basis, it is probable that many famers will seek to unionize.

Hawaiian pineapple fieldworkers have been unionized for some years, as have dairy workers in the large dry-lot dairies in California.

Discussions have been held between broiler growers in Maine and the Meat Cutters and Butchers Union. These talks were dropped with no action being taken, but it's significant that the union was invited to the talks by the growers. Another labor union is said to be attempting to organize the commercial egg producers in New Jersey

FARMERS WHO operate under some kind of profit-sharing contract and own all or part of their land, buildings and equipment will continue to think of themselves as entrepreneurs. These farmers may form themselves into bargaining associations similar to beet growers associations, some milk marketing associations and other groups of this kind.

Integration increases the need for public research and educational activities to keep farmers posted on the profitable use of new technology, to seek improved ways of coordinating production processing and marketing functions, and to develop devices that might be more advantageous to farmers than close integration

For example, improved insurance arrangements might be a better way to reduce risk than some existing contractural arrangements.

Gibberellic Acid Speeds Peach Seedlings

Fresh peach seeds treated with various rates of gibberellic acid will produce seedlings in about 15 days, according to Horticulturist M B Jones of the New Mexico A & M Experiment Station.

Jones cautions, however, that although gibberellic acid may have a place in commercial agriculture, a lot of text work will have to be done before safe recommendations can be made.

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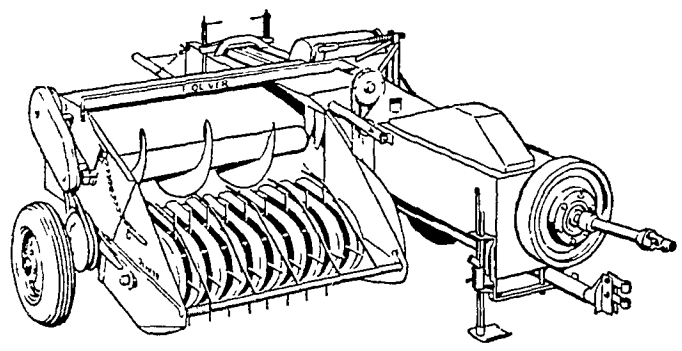

Here's real *top-speed baling* You can turn out as much as ten tons per hour with Oliver's new models —the twine-tie Model 60-T and the wire-tie Model 60-W—even in small, hilly, irregular fields.

A short-coupled "pivot-balanced" PTO is the answer. You can cramp the tractor wheels right up to the bale case, roll around the sharpest corner without letup. You *never* need shut off PTO power. You save time on every turn you make...get hay safely in bales when it's at its best.

Both models are equipped with new, leaf-saving pickups with positive drive, new knife guides to slice bales cleanly, and many other advances. You get a swinging drawbar, weatherproof twine or wire can, 5-way protection from damage, and quick, easy adjustment of bale length—12 to 50 inches. Twine- and wire-tying units are easy to interchange. Overrunning clutch and engine available as special equipment.

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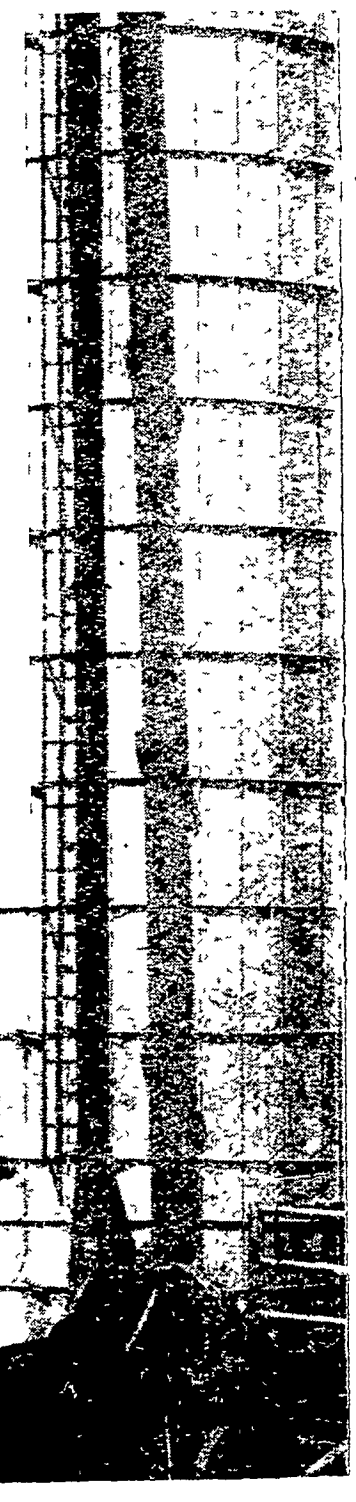
Add at rate of 100 to 150 lbs. per ton of chopped grass or grass-legume mixtures.



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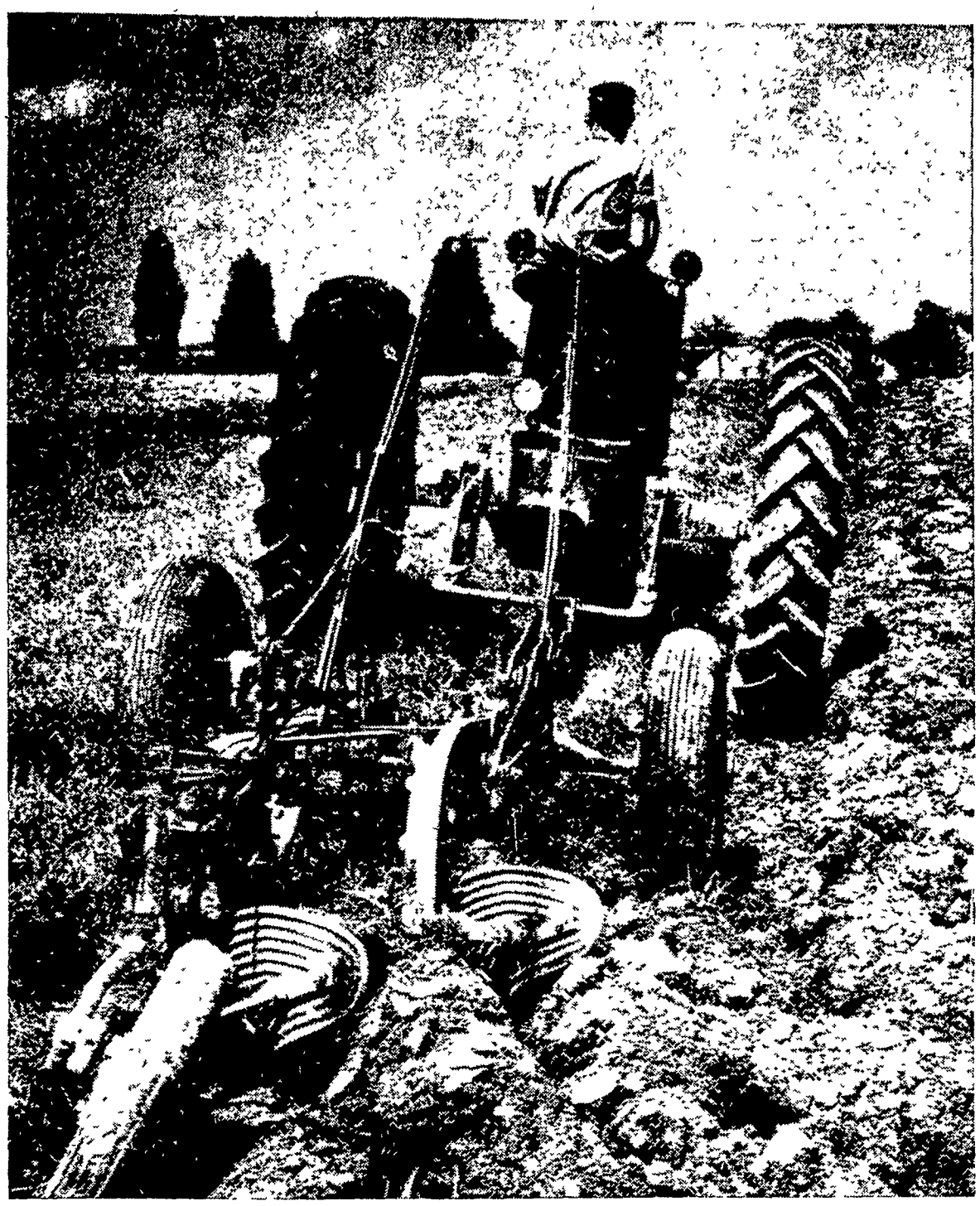

COOL, WET WEATHER has delayed field work in Lancaster County. Many farmers did not get all their land plowed during the warm dry spell in April and now are working at full speed to get land ready and summer crops planted The weather has encouraged the growth of pastures and small grains. These crops are in excellent condition.

Flying Farmers Choose Queen From New Galilee

Pennsylvania Flying Farmers responded to excellent flying weather Saturday for a luncheon meeting at Warners Dairy, Warners Airport, Red Lion.

Approximately 38 aircraft and 95 persons attended the luncheon and business meeting, presided over by H. G Kimmel, Enon Valley There were visitors from New York State and Maryland.

Lovely Helen Jackson, New Galilee, was elected the new state Flying Farmer Queen She will compete for the national title in New York City on Aug 14 as part of the national convention of the organization.

She is the wife of Robert Jackson, a farm girl and the mother of three children She has completed her written examination for a private pilots license and is awaiting her flight test

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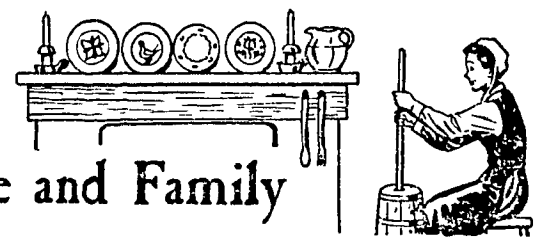


For the Farm Wife and Family

Main Dish Especially Important Because It's Hub of the Meal

In these days of soaring food prices, economical main dishes help keep the housewife's budget under control

The main dish is especially important in meal planning It is the hub around which the rest of the meal is built, and often it carries a large proportion of the cost of the meal Usually the main dish is the main source of protein -- so essential to building and repairing body tissues.

You get top rating proteins (as well as other important nutrients) in foods from animal sources, as in meat, poultry, fish, eggs, milk, cheese. Next best for proteins are soybeans and nuts and dry beans and peas. When these or grain products are featured in main dishes, try to combine them with a little top-rating protein food, if you can.

As you plan your main dishes, keep in mind the Basic 7 food groups. For such planning should be a part of the overall menu planning which provides for serving foods from each of these seven groups daily

1 Leafy, green, and yellow vegetables — one or more servings daily

2. Citrus fruit, tomatoes, raw cabbage, and other high vtamn C foods — one or more servings daily.

3 Potatoes and other vegetables and fruit — two or more servings daily.

4 Milk, cheese, ice cream — children through teen age should have three to four cups milk doily, adults should have two or more cups daily.

5 Meat, poultry, fish — one serving daily, if possible

Eggs — four or more a week.

Dry beans and peas, nuts, peanut butter — two or more servings a week

6 Bread and other cereal goods (whole-grain, enriched, or restored) — every day

7 Butter or fortified margarine — some daily.

We have for you some recipes for some money-saving main dishes — along with some menu suggestions and ways of varying the recipe which might suit better to the foods you have at hand, your family preferences, or the facilities you have for cooking.

First are some main dishes using meat Meat is too valuable for its flavor and its protein, iron, and B vitamins, to waste any of it. Part of the cook's skill is to make good use of every bit of it.

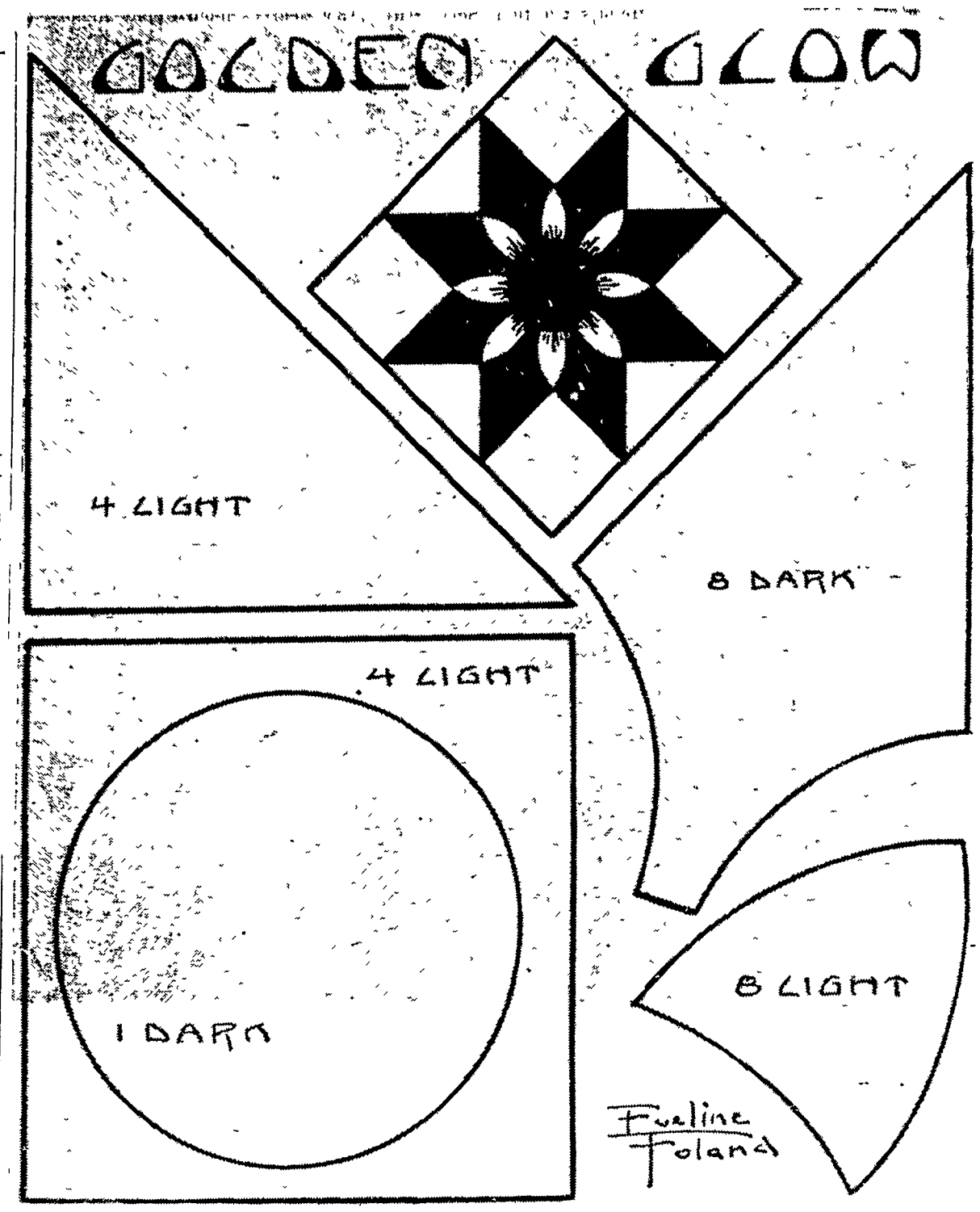
SCOTCH MEAT PATTIES

¾ pound ground beef
⅓ cup milk
¾ cup quick-cooking oats
Salt and pepper
2 tablespoons cooking fat or oil
1 cup water
¼ cup chopped celery
¼ cup chopped onion
¼ cup chopped green pepper
1 teaspoon worcestershire sauce
1 tablespoon flour

Combine meat, milk, oats, one teaspoon salt, and pepper. Make very thin patties, brown on both sides in the fat or oil in a fry pan. Add water and vegetables, season with worcestershire sauce salt, and pepper. Cook covered over low heat 30 minutes Blend flour with a little cold water, add slowly to the mixture, and cook until thickened, stirring constantly

Menu suggestion Serve with candied sweetpotatoes, cabbage

(Continued on page nine)



A HOT SUMMER AFTERNOON might easily be forgotten with such a fascinating quilt block as this to occupy one's thoughts. Quite an original touch is given by the white petals which are slightly gathered before the circular center is appliqued on. Yellow or gold is first choice, of course, but other colors will also be lovely. The block is 12 inches. No seams are allowed. (Copyright: Weekly Star Farmer)

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Your Egg Washer Tells On You

Yes, take a good look at your egg washer. Do you see it as someone else would see it? Is it nice and bright and clean each evening, filled with fresh clean water, ready to go the next day? Or is it so coated and scummy that you can hardly see what it's made of? You know, when I see an egg washer that looks that way, I soon form my own opinion of the type of poultryman the owner is. And I've seen some that are filthy sights, some that look like they are filled with soup, probably the water hadn't been changed for a week, and then we expect people to eat more eggs. Actually, it takes only a few minutes each day to scrub the washer and change the water when you're finished with it. That is one chore that is never left undone on our farm. How about yours?

Mean Old Washer or Sissy Eggs?

Does your washer crack too many eggs Perhaps your washer is too rough, or more likely, you need eggs with better shells. I highly recommend Greider Super Cross Layers. They are proven hard shell layers, at Official Laying Tests, and in the field. Nothing lays them harder, except maybe a turtle. However, I cannot recommend that you fill your laying houses with turtles. Tinted eggs, you know?

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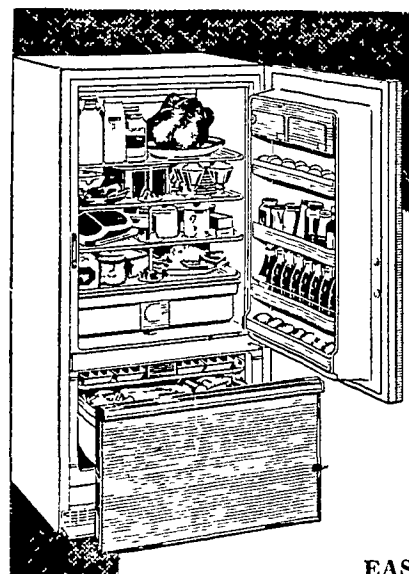

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For Farm Women . . .

(Continued from page eight)

and carrot salad, with fruit and cookies for dessert.

For variety. Meat Balls and Tomato Sauce — Form the meat mixture into small balls and brown in fat. Remove from pan and brown the vegetables in the fat. Add one-half cup water and one half cup tomato paste. Add meat ball and seasonings and cook over low heat. Thickening may not be needed Serve over spaghetti.

SAUSAGE WITH SEET-POTATO AND APPLE

½ pound sausage
2 medium - sized sweet potatoes
3 medium-sized apples
½ teaspoon salt
1 tablespoon flour
2 tablespoons sugar
½ cup cold water
1 tablespoon sausage drippings

Cut link sausage into ½-inch pieces. Fry until well done. If bulk sausage is used, shape it into small balls before frying or break it up as it cooks. Pare and slice potatoes and apples. Mix salt, flour, and sugar together and blend with cold water. Arrange layers of potatoes, apples, and sausage in a baking dish, pouring flour-sugar mixture over each layer. Top with apples and sausage, and add drippings. Cover, bake at 375 degrees until apples and potatoes are tender — about 45 minutes.

Menu suggestion: Serve with a crisp green salad. For dessert have a well-chilled creamy rice pudding made with eggs and milk to supplement the protein from the small serving of meat. If you double the amount of sausage in the main dish, you will not need to choose a dessert that supplies additional protein.

For variety: Replace the sausage with thin slices of smoked pork shoulder, or thin shoulder pork chops, well browned.

HAM AND SCALLOPED POTATOES

4 medium sized potatoes, sliced
1 tablespoon grated onion
2 cups hot milk
½ pound thinlyy sliced ham, cut in serving pieces
Salt, pepper

Put half of the otatoes into a baking dish Sprinkle with half of the onion, a little salt, and pepper Use salt sparingly Add ham. Cover with rest of potatoes, seasonings, and onions Add milk until it barely shows between the potato slices on top Save rest of milk to add during cooking if needed. Cover dish and bake at 350 degrees about 1 hour. Remove cover last 15 or 20 minutes to allow potatoes to brown on top.

Menu suggestion Serve with tomato juice, snap beans, and cabbage salad. Choose a fruit dessert such as dried-fruit whip.

Other Potato-Meat Dishes Use ham trimmings, cheese, roast meat, chipped dried beef, frankfurters, or corned beef in place of ham in the recipe above

MASHED POTATO-MEAT PIE: Moisten left-over mashed potatoes with hot milk and beat until fluffy Put a meat stew in a baking dish, top with the potatoes, and brown lightly at 400 degrees

PORK SHOULDER WITH SAVORY STUFFING

Remove the bones and any skin from a 5 to 6 pound fresh pork shoulder

Sprinkle meat on inside with salt and pepper, and pile in some of the stuffing. Begin to sew edges of shoulder together to form a pocket, and gradually work in the rest of the stuffing. Do not pack tightly. Sprinkle outside of shoulder with salt and pepper, and if desired with flour also Place the roast, fat side up, on a rack in a shallow uncovered pan Roast without water at 350 degrees until tender — about 4 hours for a 5-pound shoulder Turn roast occasionally Remove strings before serving

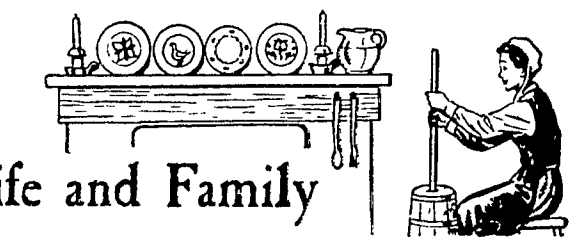
SAVORY STUFFING

¼ cup diced celery and leaves
1 tablespoon diced onion
1 tablespoon chopped parsley
2 tablespoons cooking fat or oil
2 cups soft breadcrumbs
¼ teaspoon savory seasoning
Salt and pepper

Cook celery, onion, and parsley in fat or oil for a few minutes. Add breadcrumbs and seasonings and stir until well mixed This stuffing may be used with other meats and with poultry Sausage, chopped tart apples, or chopped nut meats may be added

Like other meats, poultry has protein of high quality and is a

(Continued on page ten)



For the Farm Wife and Family

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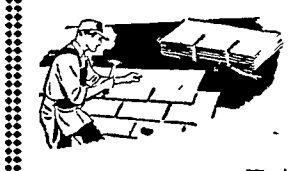

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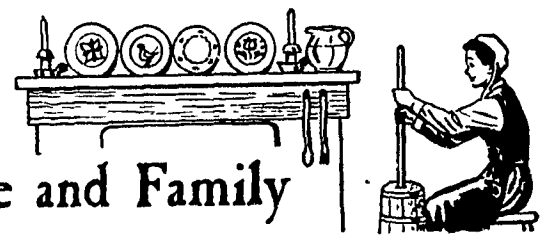

For the Farm Wife and Family

(Continued from page 9)

good source of iron and the B vitamin niacin.

CHICKEN WITH DUMPLINGS

1 stewing chicken cut in pieces and stewed
3 to four cups broth
3 to six tablespoons flour
Salt and pepper

Remove pieces of chicken from the broth and keep them hot. Skim fat from broth Blend fat and flour, stir in several spoonfuls of the broth, and pour the mixture into the rest of the broth, stirring constantly Cook this gravy until it is slightly thickened. Season to taste

DUMPLINGS

¾ cup sifted flour
2½ teaspoons baking powder
½ teaspoon salt
1 egg
⅓ cup milk

Sift flour, baking powder, and salt together Beat egg, add milk, and mix with the dry ingredients Dry by small spoonfuls on boilng chicken gravy, coyer tightly, and cook 15 minutes The cover must not be removed while the dumplings are cooking, for it the steam escapes they will not be light.

Menu suggestion Serve with broccoli or other green vegetable, gelatin vegetable salad, date-and-nut pudding.

BROWNED HASH

1½ cups chopped cooked meat
3 cups chopped cooked potatoes
1 onion, finely chopped
Broth or milk
Seasoning to taste

The meat, potatoes, and onion may be chopped by hand or put through the food chopper, depending on the texture desired Mix meat, potatoes, and onion thoroughly. Moisten with a little broth or milk, if desired, and season to taste. Spread mixture in an even layer in a lightly greased fry pan Cook slowly until browned on the bottom. If desired, turn and brown on the other side Turn hash out on a platter and garnish with parsley

Menu suggestion Serve with cream of tomato soup, cooked green cabbage with grated cheese, and baked apple

For variety Hash Cakes — Make the meat and vegetable mixture into flat cakes and fry slowly on both sides until crusty.

CHICKEN TIMBALES

1½ cups cooked rice
1½ cups diced cooked chicken
1 tablespoon finely diced onion
2 eggs, beaten
1 cup milk
⅓ cup chicken broth or milk
½ teaspoon salt
Pepper

Mix all ingredients together Divide mixture among custard cups or individual baking dishes Place cups in pan of very hot water and bake at 350 degrees about 30 minutes or until a knife inserted in the center of timbale comes out clean.

Menu suggestion: Serve with glazed carrots, spinach with lemon, pear salad with cream or cottage cheese and nuts, and gingerbread for dessert.

* * *

Fish — fresh, frozen, canned, or salted — provides high-quality protein And it lends interesting flavor and variety to meal planning.

FISH PATTIES

½ cups flaked cooked or canned fish
1½ cups dry mashed potatoes
1 tablespoon finely chopped onion
½ teaspoon salt
1 egg
Pepper
Flour
Cooking fat or oil

Combine all ingredients except flour and fat or oil Shape mixture into patties, roll in flour, and brown in fat or oil.

Menu suggeston Serve with pickled beets, a green vegetable, celery, and for dessert molded cornstarch pudding with a sauce of cooked dried apricots.

* * *

FISH AND NOODLES

3 tablespoons chopped onion
⅓ cup diced celery
1 tablespoon cooking fat or oil
Pepper
1⅔ cups cooked or canned tomatoes, or two cups raw tomatoes cut in pieces
1⅔ flaked cooked fish
Crumbs mixed with melted butter or margarine

Cook onion and celery in fat or oil a few mnutes. Add salt, pepper, and tomatoes and heat to boiling. Put alternate layers of noodles, fish, and hot tomato mixture into a greased baking dish. Top with crumbs Bake at 350 degrees 20 minutes or until the mixture is heated through and the crumbs are browned.

Menu suggestion Serve with snap beans or asparagus, a green salad with a tangy horseradish dressing, and have cupcakes for dessert.

* * *

STUFFED FISH FILLETS

¼ cup finely cut celery
3 tablespoons finely chopped onion
6 tablespons cooking fat
3 cups bread cubes
¾ teaspoon salt
Pepper
2 tablespoons chopped parsley
1 teaspoon thyme or other savory seasoning
1 pound small fish fillets
Fine dry crumbs
2 tablespoons fat

Cook celery and onion in fat or oil for a few minutes. Add bread cubes and seasonings, and mix well Place stuffing on skin side of salted individual fillets. Roll and fasten with toothpicks. Roll the stuffed fillets in fine crumbs and brown in fat in a fry pan Cover and cook over low heat until tender — about 10 minutes

Menu suggestion Serve with tartar sauce, boiled or baked potatoes or squash, green lima beans, cabbage and carrot salad, and lemon pie

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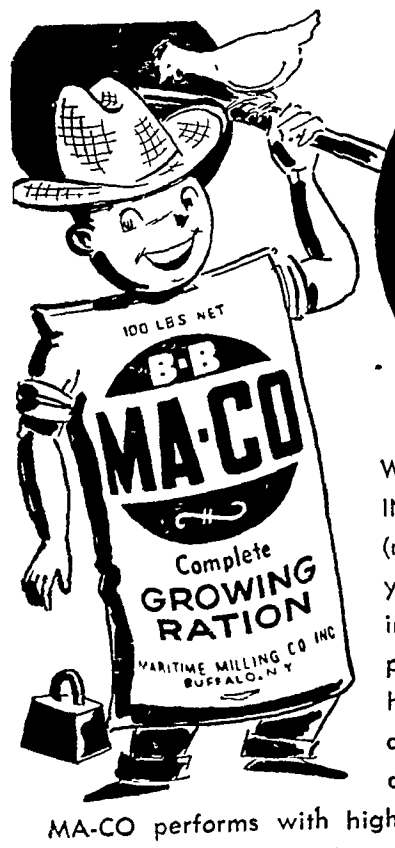

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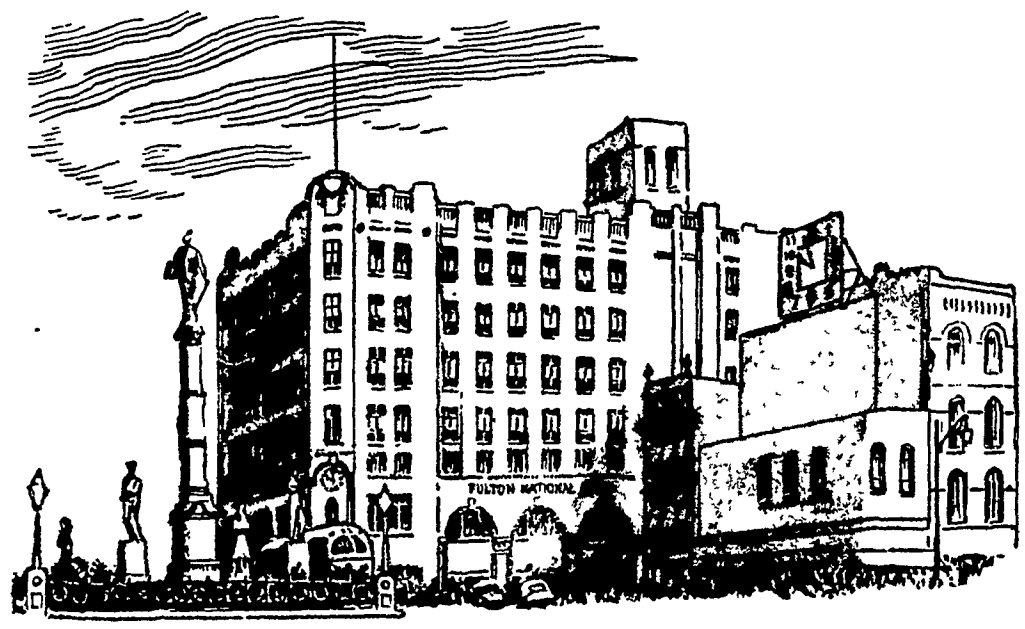

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Farm Women 6 Hear Former Missionary

Mrs. J. C Wine, 5970 Geneva Dr, East Petersburg, a former missionary to Africa, spoke on the sionary to Africa, spoke on the theme of "Mothers" at a recent meeting of Farm Women 6 in the Social Room of the Chuch of God, Elizabethtown.

A local quartet, the Etonettes, gave special music and a 92-year-old mother, Mrs. Annie Good, gave a reading.

Gifts were given the oldest mother, mother with the most children, youngest mother and to the mother with the youngest child.

Members called a special meeting for May 15 to make cancer packs for the Lancaster Chapter.

Mrs. Amos Brandt led the devotions and the flag salute.

Entertained as guests were members of Society 22.

Luncheon was served to 28 members and approximately 26 guests. Hostesses were Mrs. Elvin Keener, Mrs Amos Brandt, Mrs. Norman Shank and Mrs. Daniel Eshleman.

Paradise 4-H Sewing Club Elects Officers

A group of 12 girls met at Mr. and Mrs Aaron Denlinger's on May 3, 1958 for their first 4-H meeting.

The members are, Nancy Denlinger, Elouise Denlinger, Joan Barge, Nancy Groff, Maran Herr, Joan Martin, Louise Wenger Joyce Hershey, Judy Loar, Kathryn Fenninger, and Kathy Hoober.

The advisor of the group is Miss Miriam Leaman. The local leaders are Mrs. Elmer Zimmerman and Mrs Aaron Denlinger

Officers are Nancy Denlinger, President; Elaine Denlinger, Vice-president; Joan Barge, Secretary-treasurer; Nancy Groff and Miriam Herr, game leaders, Louise Wenger, song leader, Kathy Hoober, news reporter.

Sewing has been picked as the clubs activity for the summer. First year girls will make skirts; second year girls, sleeveless dresses or jumpers, third year girls, dresses with sleeves, and the fourth year girls, 'going away' dresses

The club plans to meet the first and third Monday of each month at 3 30 p. m The second meeting will be held on June 9 at Kathy Hoober's home

Amino Triazole Acts Against Quackgrass

The quickest and most effective way to eradicate quack grass is to spray it with amino triazole, according to Weed Specialist E. P. Sylwester of Iowa State College.

Type 41 Tobacco Stocks Decline 16 Per Cent From April 1, 1957

Stocks of Type 41 tobacco as of April 1 were down 24 million pounds from the same date last year, based on the quarterly reports of dealers and manufacturers.

This is a decrease of about 16 per cent.

Puerto Rican filler stocks, however, showed a three million pound increase from a year ago. Including tobacco held on the Island, there are 57,311,000 pounds of Puerto Rican being held.

THE TOBACCO industry as a whole showed less stock on hand with an increase being made in only two categories

Domestic wrapper was up by nine per cent, and stocks of foreign grown cigarette leaf continued their climb and now stand at a record high level

FLUE - CURED stocks were down seven per cent, the most significant decrease volume-wise Other kinds showing a decrease were fire-cured (down seven per cent), dark aircured (down nine per cent) and cigar binder (down 13 per cent).

For the nation as a whole, there was a decrease of 201 million pounds compared with a year earlier.

There were 1,116 million pounds of leaf under government loan as of April 1.

26.9 Billion Pounds Of Red Meat Produced

A total of 26 9 billion pounds of red meat were produced in 1957, according to recent figures of the Crop Reporting Board This is four per cent less than the all-time high set in 1956, and above any other year of record.

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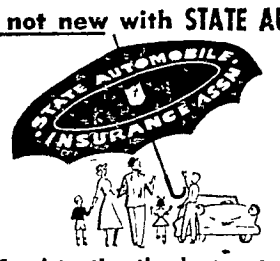

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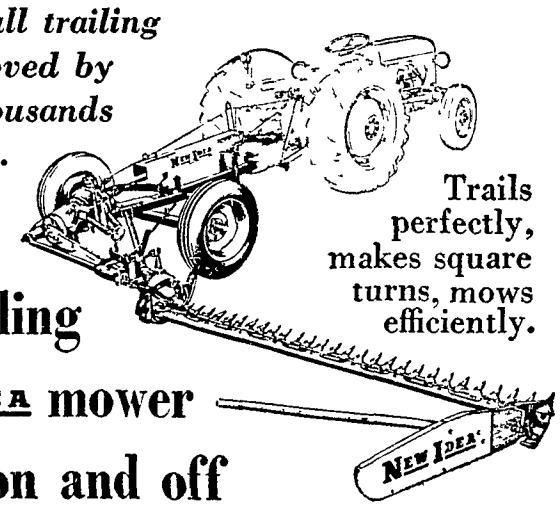

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- **¾" thick, heavy duty cutter bar**
- **9 hold down clips and wear plates**
- **Fits any farm tractor**

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Forage Blowers have *all five* FEATURES

1. The "Jacobsen" Flywheel Fan Designed for Wilted Hay.
2. 'No Wedge" Shred Knives Handle long cut forage of all types
3. PTO Direct Drive No Power Loss through Belt or Gear Box
4. Three Wheeled Mounting No Set Up Time Required.
5. Adjustable Blower Pipe No Blower Pipe Elbows.

An Exclusive, Unbeatable Combination that Provides TWO HARVESTER CAPACITY with Minimum Labor.

Mann & Grumelli Farm Service
R. D. 2, Quarryville
Ph. ST 6-3630

Controlled-Environment House May Mean Turkey Breeding Change

Experiments in a new U. S Department of Agriculture research facility at Beltsville, Md , are likely to influence the design of future buildings used by turkey growers to house breeding stock, say USDA scientists

The new facility is a controlled-environment house for turkeys, in which light, temperature and humidity can be positively regulated Located at USDA's Agricultural Research Center at Beltsville, this windowless, air-conditioned building now houses several groups of male turkeys They are under test to determine the effect on their fertility caused by light of different intensities and durations

"STUDIES OF THE effect of light on male turkey fertility are not new at Beltsville, according to Dr A W Brant, head of poultry husbandry research conducted by the Agricultural Research Service "Light is known to be a major factor in the onset, level, and duration of male-turkey fertility But the intensities and colors of light and the lighting times needed to produce maximum response remain largely unknown

"We have conducted these studies for a number of years and have obtained some tentative answers in regard to supplementing daylight with artificial light Now we need to carry the work further under environmental conditions adequate for precise determination of light requirements Previously, for example, we could not be certain of the amount and intensity of total light reaching turkeys under test, because they were exposed to daylight as well as artificial light"

"Now, with the turkeys housed in a windowless building, we can control the intensity and duration of light and have far more accurate knowledge of the total amount of radiant energy they are receiving"

DR. BRANT EXPLAINED that present studies in the turkey environment house relate to the effect of light alone. Temperature in the house is being held at a constant level in order to eliminate temperature changes as a possible environmental variable until different intensities and durations of light have been tried

If the studies show radiant energy to be as important a factor in male turkey fertility as it is now believed to be, Dr. Brant indicated, they will suggest buildings for male turkeys in which daylight is excluded and absolute control of light is possible.

However, if temperature is also found to be an important factor, as a result of subsequent studies, even more complicated farm buildings for turkeys, in which both light and temperature can be controlled, will probably be the answer

THE NEW TURKEY environment house was designed by ARS agricultural engineers to provide poultry scientists with the facilities they need for light and temperature studies. It is in no sense a farm structure, although it may prove to be a forerunner of specialized farm buildings of the future

The building features an air-conditioning system consisting of three heat pumps used singly or simultaneouly to maintain any desired inside temperature within a 50-degree range Electrostatic air filters are used These are capable of removing 90 to 95 per cent of the dust particles from the air entering and discharging through the system Light controls provide an ample range of intensities — so far determined to be between 0 6 and 10 0 foot-candles, measured 24 inches above the floor.

BORN IN McKEAN COUNTY, PENNSYLVANIA, SON OF A B.&O FREIGHT CONDUCTOR..
LEFT FATHERLESS AT 13 HE WORKED HARD TO HELP SUPPORT HIS MOTHER AND BROTHER.
FOUGHT FOR HIS EDUCATION-WORKING HIS WAY THROUGH TEMPLE UNIVERSITY BY LOADING AND HAULING FREIGHT AT NIGHT. RECEIVED HONORS AS TEMPLE ALUMNUS.
A MAN OF STRENGTH AND VISION WHOM WE CAN TRUST —
Progress Chart
SUCCESSFULLY FOUGHT UPHILL BATTLE TO MAKE BANKRUPT BUSINESS INTO A THRIVING INDUSTRY. PROVEN ADMINISTRATOR.
ORIGINATOR OF "CUB" FOOTBALL HE DEVOTED HIMSELF TO DEVELOPING STRENGTH OF MIND AND BODY IN THE NATION'S YOUTH.
FOR A FIGHTING GOVERNOR
ELECT ART McGONIGLE
SUPPORT THIS REPUBLICAN TEAM
THEY WILL WORK FOR YOU
HUGH SCOTT . . . . . FOR U. S. SENATOR
JOHN M. WALKER . . . . . FOR LIEUTENANT GOVERNOR
ANDREW J. GLEASON . . . . . FOR SECRETARY OF INTERNAL AFFAIRS
PAUL B. DAGUE . . . . . FOR CONGRESSMAN
EDWIN D. ESHLEMAN, BAKER ROYER, NORMAN WOOD . . . . . FOR ASSEMBLY
VOTE for GOOD GOVERNMENT
THIS TUESDAY, MAY 20
LANCASTER CO REPUBLICAN COMMITTEE FOR McGONIGLE - SCOTT
G GRAYBILL DIEHM, CHAIRMAN
OTTO F MESSNER, CAMPAIGN DIRECTOR
J RANKIN WILEY, TREASURER

Stocker Cattle Remain High At Baltimore

BALTIMORE, May 12 —

CATTLE AND CALVES Fed steers comprised approximately 60 per cent of the supply stockers and feeders 15 20 per cent and the balance mostly cows Only one load and few scattered head fed heifers on offer The fed steer supply was mainly good and choice grades Clearance was good on all classes All slaughter classes and stockers and feeders were moderately active to active Few steers were uneven and sold steady to mostly 25 cents higher with instances 50 cents up Fed heifers were fully 50 cents higher Cows sold mostly fully steady to 25 cents higher The large bulk of bulls sold steady with a few instances 50 cents higher Vealers were mostly steady with instances 50 cents lower Stocker and feeder steers sold fully steady The bulk of low-good to average choice 900-1185 lb fed steers brought $27 50-30 00 with one package at $30 50 choice steers mainly $29 00, and up A few small lots standard and low good sold from $26 00 27 50 A short load of 762 lb mostly good fed heifers, including a few low-choice, sold for $20 00, two small lots 653 694 lb good grade $26 00 27 25 Utility and commercial cows bulked at $20 50 22 00 with a few commercial reaching $23 00. Canners and cutters ranged from $17 50 20 50, mostly $18 00 and up and a few light canners down to $15 00 Utility and commercial bulls bulked at $23 50 25 50 with a few scattered head to $26 50 and a few head of good grades $27 50-27 75 Choice 180 230 lb vealers sold at $33 00 35 00 A few head $25 50 with an individual at $36 00, good grades $29 00-33 00 and standard $25 00-29 00 A half load 709 lb good to choice feeder steers brought $30 75 and one load 820 lb medium to good $27 50 About 5 loads 506 653 lb good to mostly choice stock steers $31 00-32 00, two loads mostly good 500 626 lb $29 00 31 00 Two small lots 372 478 lb mostly good stock steer calves sold for $30 00

HOGS Butchers were active with good clearance early Barrows and gilts were fully 75 cents higher with instances $1 00 1 25 up on No 1 and 2 grades Sows were very sarce and sold 25 50 cents higher The bulk of the supply was mixed lots U S No 1, 2, and 3 180 240 lb butchers which sold at $23 75-24 25, bulk $24 00, 35 head No 1 and 2 mostly No 1 190-220 lbs $24 50 3 small lots totaling 13 head No 1 $24 75 25 00 This was no criterion of the general market One load No 2 and 3, 259 lb butchers sold for $22 00 and a small lot No 3 333 lbs $19 75 A few mixed No 1-3, 300 400 lb sows $18 25-19 50 with a few head No 1 under 300 lbs to $20 00

SHEEP Two small lots 78 81 lb good and choice spring slaughter lambs $25 00 and $28 00 A short deck near 77 lb utility to mostly good spring lambs brought $24 00 and a small lot of 68 lb utility $23 00

Bulk Tanks and Pipeline Save Labor and Costs

The use of bulk milk tanks and pipeline milking systems save labor and result in higher quality milk, even on moderate sized dairy operations, according to Economist Stephen J. Brannen of the Georgia Extension Service

An analysis by him of a study by the Georgia Experiment Station shows bulk handling to have these advantages It is more economical than can handling at all output level above 30 gallons a day, the quality of milk is higher, spillage and stickage losses of milk are reduced by about six to eight cents per 100 pounds, and hauling costs were found to be lower because of larger pay loads and pickup every other day

The Georgia study also showed pipeline milking systems to be economical on farms milking 25 or more cows per day because four minutes of labor per cow was saved each day, more cows can be handled with the same amount of labor, and it was found that the labor saved would pay for the pipeline milker in an average of three years.

Champion COT Birds Bring $6.50 To Equal Record Set at Coatesville

(Continued from page five)

Butler — $2 10 per pound, a total of $108 15 for 51½ ounds

received by Gene Fisher Rt 2, Mercer County, bought by the Nursery Tearoom, Valencia RD 1

Lots sold totaled 103 for 4,653 pounds, netting $2,900 19 from 51 buyers The sale average paid per pound was 60 cents

Coatesville — $2 00 per pound, a total of $110 for 55 pounds received by Bobby Strobeck, Yoe, York County, bought by Daniel Good, Columbia RD 1 Lots sold totaled 121 for 6,078 pounds, netting $3,39 63 from 41 buyers The sale average was 59 cents a pound

Franconia — $2 00 per pound, for 51 pounds, a total of $102 received by James Shaffer Quakertown RD, Bucks County, bought by Cloverleaf Mill Milford Square Lots sold totaled 2,962 pounds, netting $1,590 85 from 26 buyers The sale average was 55½ cents a pound

Fredericksburg — $3 00 per pound for 58 pounds to the state reserve champion, Loren L Worman Lots sold totaled 109 for 5,954 pounds netting $3,210 54 from 26 buyers The sale average was 53 9 cents a pound

Altoona — $1 15 per pound a total of $60 95 for 53 pounds received by Eric Hoover, Claysburg RD 1, Blair County, bought by Allied Mills, Chicago, Ill Lots sold totaled 134 for 6,575 pounds netting $2,493 66 from 3 buyers The sale average was 38 cents per pound

Mandata (Sunbury) — $6 50 per pound to the state champion lot of Fred Romig, Beaver Springs, Snyder County, bought by Mattern's Hatchery The 73 lots sold came to 3,624 pounds and netted $2,326 78 from 20 buyers The sale average was 64½ cents per pound

Statewide the average price for the six auctions was 54 77 cents a pound, 58 13 cents without the low Altoona average Actual number of lots sold was 605 with a total weight of 29,85 pounds which added a record $16,161 65 to the combined bank accounts of the 11 to 20-year old contestants Buyers attending the sales totaled 194

1,035,781 Applications Filed in State Soil Bank

Latest figures from State ASC offices show that as of April 25, farmers had signed and filed 1,035 781 applications offering a total of 16,962 943 "allotment' acres of wheat, corn, upland cotton, rice and tobacco for the 1958 Acreage Reserve of the Soil Bank.

Cuba, Short of Corn, Imports from U. S.

In January and February of this year, Cuba imported about 362,000 bushels of shelled corn from the U S, and according to the Foreign Agricultural Service, will probably need to import another million bushels between now and next August The reason for the Cuban corn shortage is reported to be partially due to the rapid growth of the broiler industry in that country

Honegger Chix Are Money Makers!

They Are Bred To Give You Top Profits

This Should Be A Good Poultry Year

W H Y ?

1 Last year at this time there were 85,000,000 lbs of frozen eggs on hand This year there are only 50,000,000 lbs. available

2. Last year there were 1,000,000 cases of shell eggs in storage This year only 100,000 cases are in storage

3. There are 32,000,000 **less** layers on farms now than for the yearly average number for the past 10 years.

ORDER YOUR HONEGGER CHIX FOR MAY AND JUNE DELIVERY TODAY. CHICK PRICES FOR MAY AND JUNE CHICKS HAVE BEEN REDUCED.

*U S.D.A. reports as of April 11, 1958.

HONEGGER Layers

Windle's Hatchery

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Quarryville — STerling 6-2191

Dead Animals Removed Promptly

Will Pay Full Value For Dead Animals

Dealers in Bones, Tallow and Hides

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Toll Charges Accepted

Don't Just Buy a Hay Crusher
Don't Just Buy a Crimper
Do Buy a Hay Conditioner . . .
Be Sure To Buy a Cunningham

CUT HAY DRYING TIME IN HALF—SAVE RICH PROTEIN LEAVES—WATCH SUPPLEMENT COSTS DISAPPEAR

WITH A **Cunningham** HAY CONDITIONER

Feed the food value you grow . . . with rich, protein packed Cunningham Conditioned Hay! Exclusive sweeping action feeds swath into meshing reels . . . crimping each stem to "quick cure" as fast as leaves. Save nature's supply of protein and carotene in undamaged leaves.

FEED THE FOOD VALUE YOU GROW

See the new improved Model 8-58 Cunningham Conditioner at:

L. H. Brubaker, Lanc. & Lititz
Snavely's Farm Serv., New Holland
J. B. Hostetter & Son, Mt. Joy
Herr Implement Store, West Willow
Mann & Grumelli Farm Service, Quarryville

Moore Farms Produce 6,000,000 Chicks Yearly From America's Most Popular Breeders

Vantress - Arbor Acres Cross

VANTRESS DOMINANT WHITE MALE — Chas. Vantress Farms, Ga.

Arbor Acres WHITE ROCKS — Arbor Acres Farm, Conn.

Hansen's Leghorn City (H.L.C), Wash. — CRISS CROSS SIXTY — HLC HANSENS LEGHORN CITY

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White Leghorn Strain Cross

We hatch Leghorns every week in the year.

Write or call for prices and catalog

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3. PTO Direct Drive No Power Loss through Belt or Gear Box
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5. Adjustable Blower Pipe No Blower Pipe Elbows

An Exclusive Unbeatable Combinat on that Provides TWO HARVESTER CAPACITY with Minimum Labor

A. B. C. Groff

New Holland, Pa.
Ph. ELgin 4-8001
60 years of farm service

MULTIPLE FARROWING is going to have to go with the trend toward the confinement raising of hogs. Under this plan, the facilities receive the maximum use, labor is evenly distributed throughout the year and marketings are made in an orderly fashion. This system will allow the swine producer to receive the maximum return from his investment.

Confinement Feeding of Hogs Means Added Emphasis on Management

"Confinement feeding of currently attracting hog producers' attention," says Leland Tribble, University of Missouri swine specialist "However, management, disease control, building and equipment problems are involved in such operation"

He says the system is becoming popular because it allows hog feeders to intensify their operations without enlarging their farms

In discussing confinement feeding, Tribble stresses points in management, feeding, and disease control that must be given careful consideration if such a system of pork production is to be successful

According to the swine specialist, multiple farrowings should be considered as a part of a confinement feeding system Such plans allow maximum use of expensive equipment and also provides a way of increasing the size of a hog-feeding operation.

ONE COMMONLY used plan for multiple farrowing involves a sow herd divided into two groups and managed to produce two litters a year. For example, he says, one group could be bred to farrow in February and again in August while the other group could farrow in May and November. Using this farrowing plan good feeders would have hogs on the market in August, November, February and May And sows could be bred to farrow in other months of the year if it's more desirable

When pigs are weaned at four weeks, an extra building — a nursery — is needed. It now appears that pigs do best when kept in small lots of 20 to 30 dur-

(Continued on page sixteen)

In April 1957, dairy support purchases were 19,266 762 pounds of butter, 18,411,601 pounds of cheese, and 83, 128,634 pounds of nonfat dry milk

MUSSER
Leghorn Chicks
For Large White Eggs
DONEGAL
WHITE CROSS
For Broiler Chicks
"Direct from the Breeder"

Musser Leghorn FARMS
MOUNT JOY, PA.

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KimberCHIKS® LAY WELL IN VARIED ENVIRONMENTS

Rank of nationally sold chicks in 1956-57 tests

(Based on income over feed cost except in N. Y. C. and Missouri.)

Kimber	Calif.	Mo "B" ‡	N Y C. ‡	Tenn.	Utah*	Ave. Rank
Kimber K-137	4	4	6	5	2	4.2
Strain A	3	10	—	10	1	6.0
Strain B	11	16	2	3.5†	4	7.3
Strain C	5	18	18	12	5	11.6
Strain D	—	6	24	—	10	13.3
Strain E	38	3	25	15	3	16.8
Strain F	23	20	—	7	18	17.0
Strain G	—	25	27	11	13	19.0

*Incomplete. †Average of 2 entries.
‡Income over feed and chick costs.

K-137 entries ranked FIRST IN NET INCOME among all nationally sold chicks entered in three or more of the above tests. *The average net income from Kimberchiks was 56¢ higher than the average of all entries.* Such consistent, profitable performance in a wide variety of environments should encourage you to order K-137 Kimberchiks this season.

Longenecker's Hatchery
1110 South Market St.
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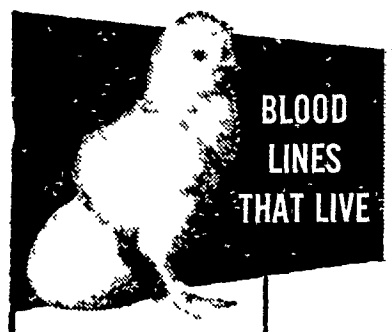

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A great cross for production of big brown eggs High livability, matures early, flocks peak at 80 to 90%, shells extremely strong

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Long favored farm flock producers of large brown eggs Low mortality, hold all time contest record for breed

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Better than 250 pure white eggs a year, large size early. An ideal Leghorn for commercial production on the floor or cage.

It will pay you to buy Hubbard Breeding. In Hubbard blood lines you get all the qualities you need to make profits — vigor, quick sturdy growth, high livability, and the needed stamina for top production of brown or white eggs. Every Hubbard chick is a proved leader. We're proud of them.

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FOR GREATER YIELD
Pasture, Small Grain and Corn

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82% NITROGEN

Increase your yields and your profits.
Easily applied. Saves Time. Saves Labor.

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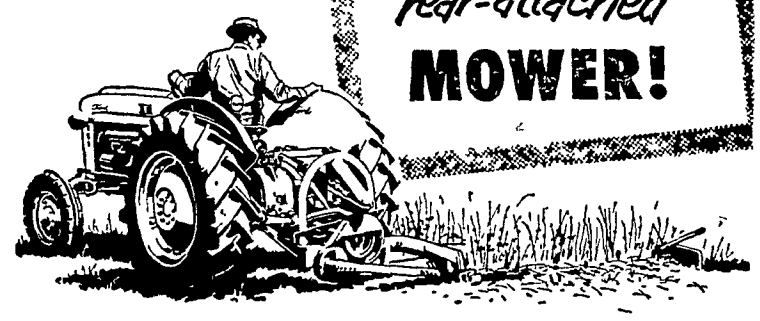

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You'll like the way this new mower operates . . . its ease of mounting and dismounting . . . its high transport clearance . . . and above all, its smooth, quiet operation and its fast, clean mowing performance. Easy-to-make adjustments are provided to help you operate at peak efficiency in any crop or condition.

Two models are available to suit your needs. The Ford "56", used with narrow wheel spacing, is excellent for all types of mowing. The Ford "76", used with wide wheel spacing, provides greater convenience in changing from cultivating to mowing, and greater stability for hillside mowing. Both models are available with 6′ or 7′ cutter bar, heavy duty or standard guards.

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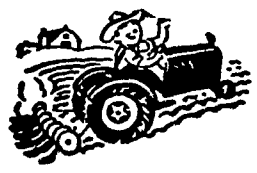

Classified Ads

Farm Equipment

OLIVER 70 tractor - standard; N I. tractor manure spreader; Myers hay crusher; used Simplicity Garden Tractor and power mowers. Snavely's Farm Service, New Holland, Ph. EL 4 2214.

USED Lincoln Welder and one used generator. Hiestand, Inc., Ph Marietta HA 6-9301.

FOR SALE. — Concrete Stave Silos, Silo unloaders & Auger Feeders. Robert P. Farmer Oxford R2 Pa. Phone Oxford 706R1.

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RIDING LAWN MOWERS. With so many to choose from, be sure you see the Strunk Ranch Mobile that continues to operate where others fail. Nothing yet like it in performance, service and low upkeep. Three models available. (Need a good trade-in walking mower?) Elwood Bicknell, Route 472 East, Oxford, Pa.

NEW 180 amp Lincoln Welders —$161. complete or $25 down-$12 per month payments. Weldan-power combination 200 AC welder and stand-by unit 450 Kit for PTO adapter extra. Hiestand, Inc., Ph Marietta HA 6-9301.

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2000 YEARLINGS, 2000 READY to lay DeKalb, 500 Ames pullets Hiestand, Inc., Marietta, Ph. HA 6-9301.

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BUY BOLTON'S. SEX-LINK chicks. Make great layers of large brown eggs. Available Mar. 17th, March 27th, Apr 10th & Apr. 17th. Phone 76R3 or write Bolton's Hatchery Schaefferstown, Pa. We deliver.

SALSBURY'S 3-NITRO in your poultry, turkey, and swine feed gets you more meat, eggs and health for less. Cost 26¢ to 52¢ per ton. Not an antibiotic. Look on your feed tags and ask your dealer, or F. W. Fisher, Leacock, Ph. Leola OL 6-7356.

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LEESPORT LIVESTOCK MARKET Auction Every Wednesday 1 30 R T. Richards—Operator & Mgr. Ph. WA 6-7484.

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FOR SALE. — Kathadin Potatoes. Elam E. Lapp, RD1 Christiana, Pa. ½ mile east of Bartville.

LANDIS PRAYER COVERING Shop, large selection of sizes. Corner of Witmer Road and Lincoln Hwy. East. Phone EX 3-1584

Custom Spraying, Meyers Air - Blast Concentrate Sprayer. Paul M. Findley, New Providence RD Ph. ST 6 3338.

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Household Goods

USED GAS STOVES, PRICED to sell, good condition. At town store, 25 S State St., Ephrata, Pa.

Legal Notices

EXECUTOR'S NOTICE.ESTATE of Frank Bogan, dec'd late of Manheim Township, Lancaster County, Pa

Letters Testamentary on said estate having been granted to the undersigned, all persons indebted thereto are requested to make immediate payment, and those having claims or demands against the same will present them without delay for settlement to the undersigned, Miriam Jane Bogan, 1701 Bill View Drive, Manheim Township, Lancaster County, Pa. Executorix Arnold, Bricker, Beyer & Barnes 110 E. King Street, Lancaster, Pa Attorneys

Auctions

Shaffer Nite Sale - Tues Eve, May 20, 7 p. m. - Follow arrows to "Pusher Siding" Road, 1½ mi. off Rte. 49 between Ulysses and Gold, or 3 mi from West Bingham and 7 from Genesee. 19 mi. from Westfield, Pa and 16 from Wellsville, N. Y. Moving to Florida and selling 40 top Cattle-Excellent Udders - each individual a nice one 34 Hols. - 6 Angus Hfrs. - 14 cows are art. bred for Sept. and Oct 4 are just fresh and open - 22 Hfrs. (6 mos. to 2-yr bred hfrs) "D-C" Case Tractor - New N-H "68 Hayliner" Baler - New N-H "Roto-Bar" Rake - N-H Forage Harvester and Blower - 2T. Ford Flat-Bed Dump Truck - All equip. - Dairy equip. Lots of good small tools. 277 A Farm also for sale. A real herd of cows and good equipment make this a sale you won't want to miss Owned by Mr. and Mrs. David Shaffer and sold by Rumseys'

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Brand New Lot!
THIS AD WORTH $25. TOWARDS THE PURCHASE OF ANY CAR.

'57 Ford V8	$1895
'57 Plymouth	$2195.
'57 Volkswagen	$1595
'56 Plymouth	$1145.
'55 Volkswagen	$1395
'55 Olds Super 88 H T, P.S.	$1695
2 — '51 Chev's .	$ 495

Many Others To Choose From
See Alonzo (Shorty) Read
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Lancaster Sales Co.

PUBLIC SALE IN BANKRUPTCY
FRIDAY, MAY 23, 1958 6 P M. D S.T. On the premises, 5 miles east of Lancaster at U. S Route 30, Diner next to Stumpf's Atlantic Station.

Restaurant, Office, Plumbing & Heating Equipment All items in excellent condition Used one year. Scotsman ice cube maker, Blakslee food 20 qt. mixer Fresh-omatic steamer, Toledo steak machine, Toledo meat grinder, Globe slicer, National cash register, Griswold double waffle maker, automatic patty machine, some glassware, brooms, high chairs, ladders, lamps, cake covers, 2 new iced tea dispensers, hot fudge unit, butcher block, utility table, Philco refrigerator, Cory coffee warmer, soup unit, Philco deep freeze chest, Combination safe & filing cabinet, Cole file cabinet, flat top metal desk, swivel chair and other office chairs, Ditto machine, chrome clothes rack, 4 fire extinguishers, check writer, Ball-o matic water softner — commercial size, Ruud gas fired dual temperature water heater, commercial size, U. S 30 Highway Diner sign — A 10 ton York water cooled air-conditioning unit complete with water tower, duct work, hot water heating plant and all controls

Clip this ad for future reference
Terms by — Merrill L Hassel, Trustee in Bankruptcy of Amos C Bechtel AND Arthur Bechtel Tr/As U. S Route 30 Diner.

Paul F McKinsey
Alfred C Alspach Attorneys
Claude F Smith — Auctioneer.

PUBLIC AUCTION

Tuesday, May 20, 1958

PROMPTLY AT 6:00 P. M.

Shoat Sale at 8:00 P. M.

Sale of Fat Bulls, Steers, Cows, Calves and Hogs
Stocker and Feeder Steers and Bulls

We Get Top Market Prices for Your Livestock
Give us a call — HI 2-4181

VINTAGE SALES STABLES, INC.

VINTAGE, PA.

132ND SPECIAL GUERNSEY SALE
Night Sale — THURSDAY, May 22 — 7:15 P. M. (D.S.T.)

At the Association's Sales Pavilion, 6 miles East of Lancaster, Pa. on Rt 30

This sale features the Dispersal of the herd owned by J A MacFadyen, Dalton, Pa (11 purebreds & 17 grades) A young herd with good CTA records bred to NEPA bulls

The 10 head consigned by L M Snaveley, Lititz, Pa, also represents his dispersal He bought all of his at a sale a year ago paying top prices at the 116th Special Sale 3/7 '57 Several good McDonald cows

Other consignments, most of them due close to sale date brings the total to over

60 HEAD

Including one bull, 7 open heifers, the balance cows and bred heifers. 15 due in May, the balance due in summer and early fall

Bangs & T. B Cert - Vaccinated

SALE MANAGED BY THE

PENNA. GUERNSEY BREEDERS' ASS'N.

P. O. Box 491, Harrisburg, Pa.

NIGHT SALE — Consignment Sale
OF
50 HEAD OF REGISTERED HOLSTEIN CATTLE
Bangs Certified, T.B. Accredited, Calf-Hood Vaccinated
Friday Evening, May 23, 1958 — 6:30 p.m.
Location—At the Keystone Holstein Sale Barn on Route 230 just east of Mount Joy, Pa.

35 — HEAD OF COWS — 35

some are fresh, others due July and August, balance heifers

Hertzler's Dairy have consigned a Daughter of Bondsman with 654 fat with 4 6%. Fresh Heifer Calves.

Ed. O'Neal is sending a load of Canadian Springers Good Cows.

Some Up State Consignments.

For information write to Harvey Rettew, Manheim, Pa. R D 2. Sale Manager.

MOUNT JOY SALES CO.
P.O. BOX 142 MOUNT JOY, PENNA.

PENNCROFT HOLSTEIN DISPERSAL
Saturday, May 24th, 1958
11:00 A. M.

At the farm, 1½ miles southwest of Rawlinsville, 4 miles northeast of Holtwood, Pa on the Rawlinsville Holtwood road in Lancaster County

100 PUREBRED HOLSTEINS 100

CERTIFIED VACCINATED ACCREDITED

Tested within 30 days of Sale for both Bangs and T B

50 Cows in milk
47 Bred and Open Heifers
3 Bulls

1957 HIR lactations average 12842m 3 7% 475f
8 Classified "Very Good" with records to 728 lbs fat
Foundation Cow Families

Willow Crescent Lonelm Texal (VG) She has 18853m 3 8% 728f and sells with 2 daughters, 2 sons, and many grand daughters

Linda Hartog Colantha Piebe (VG) She has 1944m 3 6% 705f She sells with 2 daughters and 1 grand daughter

Smith Manor Gay Boy Wonder (GP) At 4yr 15921m 4 3% 680f She sells with 2 daughters

Wayne Pietertje DeKol (VG) She has 15334m 4 1% 624f She sells with 4 daughters and 2 grand daughters

Sue Sovereign Pathfinder (VG) has 1250m 4 2% 521f and sells with 3 daughters and 3 grand daughters

A 3yr old daughter of Lifloc Mata Hari Supreme (VG) who has 4 records over 900 lbs fat and 1 record of 1007 lbs fat, is selling

AN OPPORTUNITY TO BUY FINE CATTLE!

For Catalog please send 50¢ to

Owners

Clarence E Lyons, Sale Manager, 204 Hess Blvd, Lancaster, Pa

Everett E & Louise J Benjamin, Holtwood R 2 Pennsylvania

(Lunch available at the Sale)

RAY G. OSBORNE'S

COMPLETE DISPERSAL SALE

—OF—

143 Registered & Grade Holstein Cattle

Bangs Certified, T. B. Accredited, Calf-Hood Vacc

Friday, May 23, 1958
AT 11 00 O'CLOCK

Location — In Lancaster Co. 5 miles south-west of Wakefield (Route 222) at Pleasant Grove, 8 miles northwest of Conowingo near Peach Bottom.

80 COWS
AND
First Calf Heifers

many are fresh others due in the fall, herd now milking 3400 lbs of milk, this is one of the top producing herds in this part of the country.

33 Registered Other Good Grades

All sired by proven Sires including 30 Daughters of Rolling Knoll Master Posch Fobes 874306 Daughters of Shiawana Mutual Paul 17th, all the younger cows and heifers are sired by Sires in The American Breeders Stud, they are some of the best sires in the breed 1955 DHIA herd av 75 cows 430 fat

63 Heifers from 4 to 24 months old

including 18 bred heifers Some due early fall

If in need of cows or heifers be sure to see this herd sell, you will see animals that you will like

Sale managed by Harvey Rettew, Manheim, Pa R D 2

Ray G. Osborne, Owner
PEACH BOTTOM, PA R 1

Auct — Kersey Bradley

Farmers Supply

Use BRIMM
for
CORN

To help assure top yields and quality from corn crops, make sure that you have SWIFTS BRIMM plant food on hand when you are ready to plant

FREE DELIVERY
On our regular routes Mail your order Deliveries made approximately in three days

Hybrid Corn

Muncy Chief ≠H 780
Produced outstanding yields during last years drought conditions Long season growing corn has stiff stalks, long ears that husk easy Has excellent standing ability
Bushel——$11.00.

Muncy Chief ≠H-398
110 Day Maturity, Bu $11 00
Muncy Chief ≠H-520
100 Day Maturity, Bu $11 00
Muncy Chief ≠H 306
90 Day Maturity Bu $11 00
U. S. 13
115 Day Maturity Bu $9 25
EARLY SILO BU. $11.00
LATE SILO BU. $11.00

Field Seeds

Wabash Yellow Soy Beans
Black Amber Sorghum
Hegari Sorghum
Atlas Sorgo Sorghum
Sweet Sudan
Cert Piper Sudan
Domestic Rye Grass
Orchard Grass
S 37 Orchard Grass
Pasture Mixture
Pasture Mixture with Ladino
Timothy

Grow Better Tobacco Plants
TRANSPLANTONE
1 LB. .. $4.00
Promotes root growth Makes stronger plants Put in water when transplanting
VHPF
30 LB. CASE .. $7.50
Insures rapid growth and better stands.
ISOTOX . PINT . $1.85
Transplanting solution. Use to control wireworms, cabbage magots and other insects on tomatoes, celery and tobacco at transplanting time.
NUTRI LEAF "60"
5 LBS. $1.75
Feeds plants thru the leaves. Four applications during growing season

FARMERS SUPPLY CO.
137 E. KING ST.
Open daily 8:30 to 5:30
Friday until 9.00

Confinement Feeding of Hogs Means Added Emphasis on Management

(Continued from page fourteen)

ing the six weeks they're in the nursery. Sanitation, temperature and ventilation are all important during this phase of production and while in the nursery, pigs need eight to 10 square feet of floor space each.

WHEN WEANED AT eight weeks, pigs are generally moved directly to growing and finishing shed. Ease and convenience of filling feeders and removing manure and pigs' comfort are important items to consider when building a finishing shed.

At present, 50 pigs are considered an optimum number per pen in the feeding phase Twelve to 15 square feet of floor space are needed for each fattening hog

In confinement rearing, as in other production systems, major emphasis is placed on the brood sows' ration as the number of pigs weaned per litter has a direct bearing on profits,, he says. However, the confinement system presents no new problems in feeding the brood sow.

THE BABY PIG represents the profit potential and it's at a critical stage in life until it becomes eight to 10 weeks old

Supplying a source of iron and copper to control anemia is essential in the confinement system

Injectable iron compounds do an effective job in this respect. Other methods work, but attention must be given their application

Pigs should have a good creep ration available by the time they are two weeks It should be palatable high in energy and contain a high-quality protein, minerals, vitamins, and antibiotics.

The creep ration can be fed to the pigs until they weigh from 40 to 50 pounds. At that time, the protein level can be dropped from 18 to 16 per cent.

For pigs in the growing-fattening state, or from 50 pounds to market, the nutritional requirements aren't as exacting as they are in earlier stages of life. However, a well-balanced ration is essential for fast and economical gains

As pigs become heavier, the protein level can be lowered. A ration with 12 per cent protein appears to be adequate from the time a pig weighs 125 pounds until he is sold

RESULTS AT THE University of Missouri and in ither states indicate that, in most cases, free-choice feeding is more profitable than feeding a complete mixed ration.

The level of antibiotics in the ration can be lowered and possibly removed after pigs reach 125 pounds without seriously affecting performance

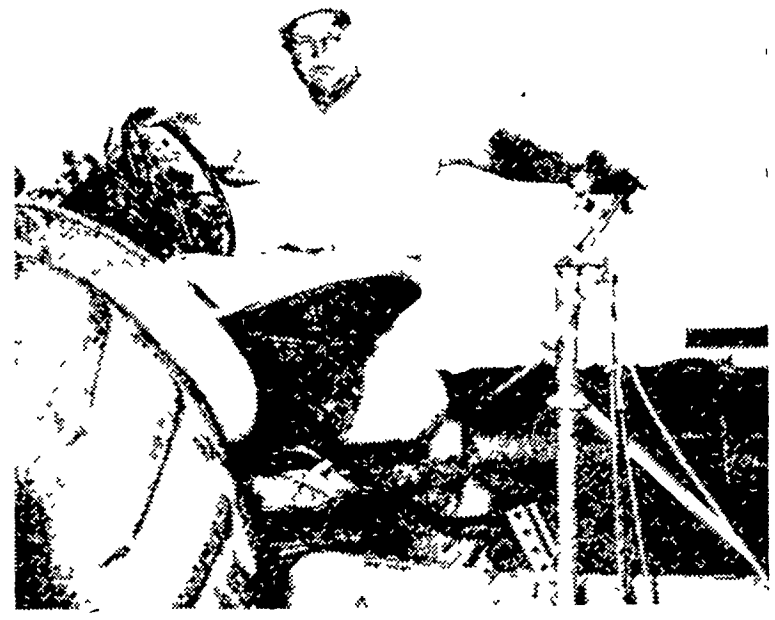
Confinement rearing can result in the production of healthier hogs when compared to raising hogs on dirt lots as soil is a good enviornment for many disease-producing organisms

On the other hand, disease could well be the biggest problem in this type of operation unless proper sanitation is maintaned as a large number of hogs enhance the spread of any dsease

A GREAT NEW SIZE ALL-CROP HARVESTER

7½ FOOT MODEL '90'

FIELD TESTED and APPROVED ON LANCASTER COUNTY FARMS. READ THIS STATEMENT BY AN OWNER OF THE NEW ALLIS CHALMERS 7½ FOOT P.T.O. NO. 90 ALL-CROP.



Willis Esbenshade, 1631 Es nshade Road, Lancaster, Pa , says: With my No. 90 All-Crop I have harvested many acres of grain on my farms Using my WD 45 tractor, I found I can operate at the SAME FORWARD SPEED, cutting 7 1/2 feet with my No 90 All Crop, as I did with the smaller machine I previously owned Of course, this means big savings in labor and operating costs No wonder I like my new No. 90 All - Crop so much.

Above are Willis Esbenshade (left) and Ed Stambaugh, Allis-Chalmers blockman, checking the New No. 90 All-Crop on Willis' farm

Let Us Show You The Advantages of The New No. 90 All-Crop

★ New Bigger Capacity

—7 1/2 Foot Header.
—Larger Wider Strawrack and Cleaning Shoe.
—Larger Tires for Better Flotation.

★ NEW CONVENIENCE and OPERATING FEATURES

—Industrial Type Controls from Tractor Seat to control gear box, bin, and swinging tongue with lock for transport or field position. (See insert photo showing controls and operation from tractor seat).
—Retractable Finger Auger Feed.
—Quick Adjustable, Variable Speed Reel.

The Model "90" is new in every respect . . . not just a wider header on a former 6 foot machine. Each unit has been increased in size to handle greater volumes of higher yielding crops.

See It At Your Local Allis - Chalmers Dealer

Nissley Farm Service Washington Boro, Pa.	Mann & Grumelli Farm Serv. Quarryville, Pa.	Snavely Farm Service New Holland, Pa.	
L. H. Brubaker Lancaster, Pa.	R. S. Weaver Stevens, Pa.	N. G. Myers & Son Rheems, Pa.	L. H. Brubaker Lititz, Pa.